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Statistics of Western Australia

TRANSPORT AND COMMUNICATION

1968-69

W. M. BARTLETT
DEPUTY COMMONWEALTH STATISTICIAN
AND GOVERNMENT STATISTICIAN

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ROUNDING OF FIGURES

Many of the figures appearing in the tables have been rounded to thousands without making those adjustments which would be needed to make the rounded figures add to the rounded total. It is for this reason that figures do not always add to the totals shown in the tables.

SPECIAL NOTE

The *Statistical Register of Western Australia* ceased publication under that title with statistics for the year 1967-68.

For 1968-69 and subsequent years, the various Parts of the Statistical Register will be published under new titles, as set out below, under the general heading of *Statistics of Western Australia*. An exception is *Part VI—Factory Statistics* which will be replaced by one of a series of Integrated Economic Census bulletins issued by the Commonwealth Statistician, Canberra.

Old title under Statistical Register of Western Australia	New title under Statistics of Western Australia
Part I—Population and Vital Statistics	Demography
Parts II and III—Finance Statistics	Finance
Part IV—Trade, Transport and Communication	Trade Transport and Communication
Part V—Land Settlement, Agriculture, Live-stock and Meteorological Statistics	Rural Industries Non-Rural Primary Industries
Part VII—Mineral Statistics and Water Conservation	Mineral statistics are incorporated in Non-Rural Primary Industries, and water conservation is now part of Rural Industries
Parts VIII, IX and X—Social Statistics	Social
Part XI—Local Government	Local Government
Part XII—Retail Prices, Wages, Employment and Miscellaneous	Labour and Prices Building and Housing
Statistical Summary from 1829	Summary from 1829

TRANSPORT AND COMMUNICATION

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TRANSPORT

SHIPPING

Sources of statistics. On arrival at, or departure from a port in Australia, whether from or for an overseas country or from or for another port in Australia, the master or agent must 'enter' the vessel to the Customs authorities at the port, and supply certain prescribed information in regard to the ship and its cargo. At the end of each month the Department of Customs and Excise sends to the Commonwealth Bureau of Census and Statistics a return of information so obtained. Tables 1-6 have been prepared from tabulations compiled from these returns.

The information in Tables 6-9 has been obtained from data supplied by the Fremantle Port Authority; the Albany Port Authority; the Bunbury Port Authority; the Harbour and Light Department; and by private operators in respect of the ports (or landing points) at Barrow Island, Cape Cuvier, Dampier, Exmouth, Useless Loop and Yampi.

Statistics of cargo handled obtained from these two sources are not strictly comparable for the reasons mentioned under *Tonnage of cargo below*.

Classification of vessels. In Tables 1-2 and 5 vessels are classified to three groups: liner services; trampships and bulkships; and tankers.

A liner service specifically relates to a vessel which, on the voyage on which cargo is loaded or discharged at a Western Australian port, is operated by a common carrier in providing services on a specified route on a relatively regular basis. Liner services include both passenger and cargo liners. The term *tramp* refers to freight-vessels not operating on a regular route.

Country of loading or discharge. Ports at which vessels load or discharge cargo are allocated to their respective countries and these are the countries of loading or discharge of cargo shown in Table 6. Each country is classified to a geographic trade area in accordance with the *Classification of Geographic Trade Areas for Shipping Statistics* used by the Commonwealth Statistician, Canberra.

The countries shown are not necessarily the countries of origin or ultimate destination of cargo because previous or subsequent overseas transshipments are not taken into account. The statistics of cargo are classified according to the country in which it was loaded or discharged cannot therefore be compared directly with statistics of overseas trade classified by country of origin or destination. In Australian import statistics, *Country of Origin* refers to the country in which the goods imported were produced. In Australian export statistics, *Country of Destination* refers to the country of final destination of goods at the time of export and not to any country in which they may be transhipped en route. For example, where the United Kingdom is the country of final destination but the goods imported are transhipped at a Netherlands port, export statistics would show them as exports to the United Kingdom whereas in shipping cargo statistics they would be shown as cargo loaded for discharge in the Netherlands.

Cargo loaded for 'optional ports' (*i.e.* consignments of cargo for discharge at one of a specified range of ports, the particular port being nominated by the shipper during the voyage) is classified to the country in which the ports are situated when they are all within one country. If the range of port options extends beyond one country, the cargo is allocated to the category 'optional ports' within the relevant geographic trade area.

In the case of a vessel without cargo (*i.e.* 'in ballast') sailing to or from Australia (or between Australian ports) the country or port referred to is that in which the voyage commenced or terminated.

Tonnage of vessels. The *gross tonnage* and *net tonnage* of a vessel are measures of its carrying capacity, one ton being equal to 100 cubic feet. The gross tonnage, as used in Tables 8-10, represents the total volume of a vessel's enclosed space. The net tonnage, as used in Tables 1-4, represents the volume of enclosed space that can be used for cargo and passengers.

Tonnage of cargo. Most cargoes are recorded in terms of the *ton weight* of 2,240 lb, but some cargo, consisting mainly of bulky commodities, is recorded on the basis of the *ton measurement*, a unit equivalent to 40 cubic feet of space. Statistics are compiled accordingly in terms of 'tons weight' or 'tons measurement'.

The tonnages recorded in the two categories have been aggregated in Tables 7-10 in order to provide a ready comparison of the volume of cargo handled at the several ports or in different periods. In Tables 5-6 details of cargo handled are presented separately on the basis of 'tons weight' and 'tons measurement'.

The tonnages appearing in Tables 5-6, which are actual tonnages as recorded on ships' manifests, cannot be reconciled with those shown in Tables 7-10 because a port authority, for the purpose of calculating cargo handling charges, may classify items of cargo, as between 'tons weight' and 'tons measurement', in a manner different from that shown on the ship's manifest.

No. 1—Number and Net Tonnage of Vessels Entered at Western Australian Ports: 1968-69

Type of vessel and port				Intrastate				Interstate, direct				Interstate, via other Western Australian ports				Overseas, direct				Overseas, via other Australian States				Overseas, via other Western Australian ports				Total							
				With cargo		In ballast		With cargo		In ballast		With cargo		In ballast		With cargo		In ballast		With cargo		In ballast		With cargo		In ballast		With cargo		In ballast					
				No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons				
Liners—																																			
Port of Fremantle				105	405	2	2	226	1,211					51	144					269	1,897	9	58	62	383			51	232			764	4,271	11	60
Other Ports—																																			
Albany				35	173	1	6	43	198											1	5	1	6					7	31			86	406	2	12
Barrow Island				10	14															6	26							3	10			19	51		
Broome				76	149	1	2	5	13					7	18					6	26							3	13			97	219	1	2
Bunbury				40	174	2	9	20	105													1	5	2	9			10	39			72	327	3	13
Busseton				7	13																											7	13		
Carnarvon (a)						2	8																										2	8	
Dampier				32	53															2	8							3	9			37	70		
Derby				56	103			4	9					8	17																	68	129		
Esperance				10	32	2	8	1	6																							11	38	2	8
Exmouth				1	1			1	7											3	16			1	7			5	24			11	54		
Geraldton				20	66	1	5	1	6					5	9					6	28						4	10			36	120	1	5	
Onslow				47	85			2	3																						49	88			
Port Hedland				73	136	1	3	1	7	1	2			9	20					8	26			5	16			4	11			100	215	2	5
Port Walcott (b)				51	88			1	1																						52	90			
Wyndham				50	94			18	38					7	15					5	22			2	6						82	176			
Yampi				48	87			8	13	2	4			1	3																57	102	2	4	
Total, all ports				661	1,673	12	42	331	1,616	3	6	88	226			306	2,053	11	69	72	421			90	379						1,548	6,368	26	117	
Tramps, bulkships—																																			
Port of Fremantle				79	575	10	37	122	702	9	67	4	23			61	432	78	498	6	28			24	122						296	1,882	97	602	
Other ports—																																			
Albany				4	21			22	124							10	80	8	92	1	8			9	53						46	285	8	92	
Barrow Island																1	3														1	3			
Broome				4	8			1	(e)																						6	9	1	1	
Bunbury				10	38	15	72	5	34	5	23					6	33	16	107					13	93					34	198	36	202		
Carnarvon (a)						5	36											12	69													17	105		
Dampier				1	2			8	23					2	11																18	56	201	3,494	
Esperance						2	12	1	5	2	8					13	80	11	40												14	86	15	60	
Geraldton				1	3	1	10			5	35					19	88	47	329					2	17					22	107	53	374		
Port Hedland				13	29	4	26	3	13	3	7	10	46			2	14	124	1,546	3	9			3	4					34	115	131	1,578		
Port Walcott (b)				6	3			1	(e)							2	(e)														9	4			
Wyndham				2	5				1	3					2		2	4													4	11	3	6	
Yampi				21	131	11	77	14	90	20	251						39	606												35	221	70	934		
Total, all ports				141	814	48	269	177	992	45	393	17	80			120	751	539	6,785	17	49			52	290					519	2,975	632	7,448		

(a) Includes Cape Cuvier and Useless Loop. (b) Includes Cape Lambert and Point Samson. (c) Less than 500 tons. (d) Includes one vessel of small tonnage not elsewhere classified.

No. 2—Number and Net Tonnage of Vessels Cleared from Western Australian Ports: 1968-69

Type of vessel and port	Intrastate				Interstate, direct				Interstate, via other Western Australian ports				Overseas, direct				Overseas, via other Australian States				Overseas, via other Western Australian ports				Total			
	With cargo		In ballast		With cargo		In ballast		With cargo		In ballast		With cargo		In ballast		With cargo		In ballast		With cargo		In ballast		With cargo		In ballast	
	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons
Liners— Port of Fremantle	81	290	6	24	243	1,633	6	44	57	106	304	1,792	4	45	39	257	33	125	1	6	757	4,204	17	118
Other ports—																												
Albany	6	19	4	27	3	7	20	89	1	6	10	48	45	228	88	418	1	6
Barrow Island	18	49	15	67	18	49
Broome	72	132	11	22	15	67	98	221
Bunbury	2	6	5	22	5	19	1	4	5	14	56	269	68	309	6	26
Busseton	5	9	7	13
Carnarvon (a)	2	8	2	8
Dampier	34	63	2	6	34	63	2	6
Derby	41	79	1	2	26	48	68	129
Esperance	1	2	3	11	9	33	13	46
Exmouth	1	1	10	53	11	54
Geraldton	7	18	13	27	4	17	12	58	36	119
Onslow	49	88	49	88
Port Walcott (b)	74	157	20	39	5	13	2	9	101	218
Port Hedland	46	77	6	13	52	90
Wyndham	30	56	42	80	1	2	1	3	1	5	6	27	81	174
Yampi	35	59	5	11	18	34	58	104
Total, all ports	496	1,096	13	51	301	1,763	6	44	155	297	344	1,952	6	55	57	329	188	869	1	6	1,541	6,307	26	156
Tramps, bulkships— Port of Fremantle	39	218	29	200	98	515	16	69	1	3	198	1,406	5	19	3	20	4	16	343	2,178	50	288
Other ports—																												
Albany	9	74	4	27	1	3	27	160	4	24	9	87	45	320	9	54
Barrow Island	1	3	1	1	3
Broome	2	(c)	1	(c)	3	8	1	1	6	9	1	(c)
Bunbury	8	24	2	11	9	28	1	6	11	63	3	23	2	17	34	226	64	358	6	40
Carnarvon (a)	1	6	14	89	1	4	15	93	1	6
Dampier	3	7	4	14	1	3	7	18	203	3,522	2	5	207	3,533	13	37
Esperance	12	70	1	10	10	47	4	7	2	12	29	146
Geraldton	18	83	1	10	1	5	30	166	1	7	25	214	73	463	3	21
Port Hedland	16	49	5	9	2	16	3	8	5	24	132	1,572	1	3	156	1,664	8	17
Port Walcott (b)	8	3	1	1	8	3	1	1
Wyndham	1	4	1	4	1	3	3	6	1	1	6	14	1	4
Yampi	10	59	89	1,035	1	7	5	64	105	1,166
Total, all ports	125	595	48	281	203	1,611	30	109	7	34	636	7,104	15	77	9	44	78	563	1,058	9,951	93	467

(a) Includes Cape Cuvier and Useless Loop. (b) Includes Cape Lambert and Point Samson. (c) Less than 500 tons. (d) Includes one vessel of small tonnage not elsewhere classified.

No. 3—Number and Net Tonnage of Vessels Entered and Cleared direct from, and to, Overseas according to Country of Registration: 1967-68

Country of registration (a)	Vessels entered						Vessels cleared					
	With cargo		In ballast		Total		With cargo		In ballast		Total	
	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons
Australia	1	7	12	56	13	63	2	9	2	9
Denmark	13	60	16	129	29	189	27	176	1	8	28	184
France	12	62	12	62	8	33	2	24	10	57
Germany, Federal Republic of	17	92	5	25	22	117	19	88	2	26	21	114
Greece	16	145	36	324	52	469	59	471	5	51	64	522
Hong Kong	1	8	1	8	5	25	5	25
India	10	121	9	75	19	195	22	142	4	83	26	225
Israel	1	3	4	70	5	74	6	91	6	91
Italy	41	431	3	20	44	451	32	353	32	353
Japan	48	184	117	1,207	165	1,391	169	1,415	14	27	183	1,442
Kuwait	5	26	5	6	10	32	9	11	1	21	10	32
Liberia	39	466	86	953	125	1,419	96	1,045	20	302	116	1,346
Netherlands	20	92	20	194	40	285	65	413	1	9	66	422
Norway	85	506	56	636	141	1,141	136	1,102	20	163	156	1,265
Panama	7	90	12	61	19	151	13	51	1	18	14	68
Philippines	6	24	6	24
Poland	6	24	6	24
Singapore	10	33	10	33	6	18	1	2	7	20
Sweden	13	82	2	14	15	96	14	68	4	38	18	106
United Kingdom	186	1,489	56	768	242	2,257	224	1,714	50	528	274	2,242
U.S.S.R.	6	33	6	33
Other countries	8	34	8	78	16	112	12	76	1	13	13	89
Total	532	3,923	448	4,623	980	8,546	942	7,379	127	1,312	1,069	8,692

(a) The countries listed separately represent those for which the number of vessels either entered or cleared exceeded four.

No. 4—Number and Net Tonnage of Vessels Entered and Cleared direct from, and to, Overseas according to Country of Registration: 1968-69

Country of registration (a)	Vessels entered						Vessels cleared					
	With cargo		In ballast		Total		With cargo		In ballast		Total	
	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons	No.	'000 tons
Australia	6	91	6	91	1	7	1	6	2	13
Denmark	11	70	10	69	21	139	19	107	2	36	21	143
France	10	38	10	38	6	23	6	23
Germany, Federal Republic of	20	103	9	54	29	157	20	119	2	4	22	123
Greece	26	232	36	420	62	652	63	643	4	30	67	673
India	10	58	9	119	19	176	23	125	23	125
Italy	30	340	2	27	32	368	20	235	4	48	24	284
Japan	49	233	178	1,871	227	2,104	242	2,134	5	11	247	2,145
Kuwait	13	17	13	17	13	17	13	17
Liberia	33	381	143	2,059	176	2,440	151	2,066	17	238	168	2,304
Netherlands	23	120	22	211	45	331	65	421	3	20	68	441
Norway	67	503	57	1,048	124	1,551	117	1,330	17	227	134	1,557
Panama	18	126	9	53	27	180	11	51	2	15	13	66
Poland	1	4	1	4	10	37	10	37
Singapore	16	48	1	(b)	17	49	8	14	8	14
Sweden	17	210	5	35	22	245	12	70	10	175	22	245
United Kingdom	194	1,604	43	663	237	2,268	189	1,565	48	502	237	2,067
U.S.S.R.	4	25	1	4	5	29	13	68	13	68
Other countries	10	74	12	152	22	226	25	182	2	49	27	231
Total	539	4,170	556	6,895	1,095	11,064	1,000	9,201	125	1,375	1,125	10,577

(a) The countries listed separately represent those for which the number of vessels either entered or cleared exceeded four.

(b) Less than 500 tons.

No. 5—Cargo Discharged and Loaded at Ports, by Type of Vessel: 1968-69
(Tons) (a)

Type of vessel and port	Discharged								Loaded							
	Intrastate		Interstate		Overseas		Total		Intrastate		Interstate		Overseas		Total	
	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment
Liners—																
Port of Fremantle	4,899	9,452	115,156	145,428	129,879	234,739	249,934	389,619	47,335	74,342	70,848	55,434	409,605	126,900	527,788	256,676
Other ports—																
Albany	1,728	293	1,126	1	2,854	294	244	48,872	3,117	48,872	3,361
Barrow Island	1,863	829	4,712	2,155	6,575	2,984	50	50
Broome	5,326	7,953	71	46	36	186	5,433	8,185	680	2,794	32	129	6,653	697	7,365	3,620
Bunbury	83	10	14,564	7	14,647	17	1,360	155,113	27,991	155,113	29,351
Busselton	4,671	3,382	2,335	310	7,006	3,692
Carnarvon (b)	19,020	19,020
Dampier	8,374	5,042	1,788	167	10,162	5,209	2	2
Derby	4,051	10,962	16	87	4,067	11,049	336	2,600	28	125	364	2,725
Esperance	2,141	30,166	32,307
Exmouth	399	36	559	1,906	958	1,942	348	532	109	126	457	658
Geraldton	20	382	165	10	1,475	1,660	392	404	83	560	27,048	28,012	83
Onslow	541	630	541	630	435	678	435	678
Port Hedland	17,050	17,554	173	158	4,056	2,477	21,279	20,189	3,700	1,187	42	86	26,859	86	30,601	1,359
Port Walcott (c)	3,420	3,420	1,367	14	1,381
Wyndham	6,326	22,575	143	250	3,640	938	10,109	23,763	972	2,102	2,801	799	6,302	10,075	2,901
Yampi	2,738	211	2,738	211	967	208	22,440	23,407	208
Total, all ports	55,090	75,626	117,452	146,282	161,835	242,576	334,377	464,484	56,546	85,936	103,577	60,199	732,082	159,227	892,205	305,362
Tramps, bulkships—																
Port of Fremantle	139,244	977,453	15,774	654,499	43,968	1,771,196	59,742	22,277	21,475	826,839	1,264	1,678,512	97,467	2,527,628	120,206
Other ports—																
Albany	192,711	69	192,711	69	136,656	1,153	136,656	1,153
Barrow Island	503	503
Broome	830	830	1,149	1,149
Bunbury	29	161,587	3	161,616	3	35,453	52,695	496,627	5,337	584,775	5,337
Carnarvon (b)	219,537	219,537
Dampier	10,820	4,247	5,866	15,067	5,866	10,932,543	10,932,543
Esperance	94,865	11	94,865	11	120,415	120,415
Geraldton	122,940	10	122,940	10	996,243	996,243
Port Hedland	49,837	3,754	13,388	2,715	2,563	333	65,788	6,802	371	34,835	5,481,438	5,516,644
Port Walcott (c)	1,972	100	1,321	3,393	125	20	145
Wyndham	1,543	2,115	3,658	4,682	4,682
Yampi	1,442	35,236	36,678	129,388	2,410,902	199,456	2,739,746
Total, all ports	194,067	3,754	1,037,827	18,489	1,237,351	50,260	2,469,245	72,503	187,614	21,475	3,325,271	1,264	20,267,278	103,957	23,780,163	126,696

(a) See note *Tonnage of cargo* on page 5.

(b) Includes Cape Cuvier and Useless Loop.

(c) Includes Cape Lambert and Point Samson.

No. 5—Cargo Discharged and Loaded at Ports, by Type of Vessel: 1968-69—continued
(Tons) (a)

Type of vessel and port	Discharged								Loaded							
	Intrastate		Interstate		Overseas		Total		Intrastate		Interstate		Overseas		Total	
	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment	Weight	Measure- ment
Tankers—																
Port of Fremantle	443,929	102,296	3,158,277	3,704,502	478,496	652,019	149,100	1,279,615
Other ports—																
Albany	70,831	11,596	82,427
Barrow Island	337,057	1,130,028	1,467,085
Broome	6,162	1,601	7,763
Bunbury	110,021	110,021
Carnarvon (b)	6,595	17,810	24,405
Dampier	124,032	124,032
Derby	11,564	11,564
Esperance	44,130	42,530	86,660	20	20
Exmouth	22,221	22,221
Geraldton	88,780	88,780
Port Hedland	74,289	41,728	116,017
Wyndham	2,127	7,056	9,183
Yampi	4,003	4,003
Total, all ports	873,088	156,422	3,362,068	4,391,578	815,553	1,782,067	149,100	2,746,720
All vessels—																
Port of Fremantle	588,072	9,452	1,194,905	161,202	3,942,655	278,707	5,725,632	449,361	548,108	95,817	1,549,706	56,698	2,237,351	224,380	4,335,165	376,895
Other ports—																
Albany	70,831	13,324	293	193,837	70	277,992	363	244	185,528	4,270	185,528	4,514
Barrow Island	1,863	829	5,215	2,155	7,078	2,984	50	1,467,085	50
Broome	11,488	7,953	901	46	1,637	186	14,026	8,185	337,057	2,794	1,130,028	129	7,802	697	8,514	3,620
Bunbury	110,133	10	176,151	10	286,284	20	680	32	651,740	33,328	739,888	34,688
Busselton	35,453	1,360	52,695	2,335	310	7,006	3,692
Carnarvon (b)	6,595	17,810	24,405	238,557	238,557
Dampier	8,374	5,042	10,820	130,067	6,033	149,261	11,075	10,932,543	10,932,545
Derby	4,051	10,962	16	87	11,564	15,631	11,049	2	364	2,725
Esperance	44,130	42,530	94,865	11	181,525	11	336	2,600	28	125	150,581	152,742
Exmouth	22,620	36	559	1,906	23,179	1,942	532	109	126	457	658
Geraldton	88,800	382	165	10	124,415	10	213,380	402	348	560	1,023,291	1,024,255	83
Onslow	541	630	541	630	435	678	435	678
Port Hedland	141,176	21,308	13,561	2,873	48,347	2,810	203,084	26,991	4,071	1,187	34,877	86	5,508,297	86	5,547,245	1,359
Port Walcott (c)	5,392	100	1,321	6,813	1,492	14	20	1,526
Wyndham	9,996	22,575	143	250	12,811	938	22,950	23,763	972	2,102	2,801	799	10,984	14,757	2,901
Yampi	8,183	211	35,236	43,419	211	130,355	208	2,433,342	199,456	2,763,153	208
GRAND TOTAL	1,122,245	79,380	1,311,701	164,771	4,761,254	292,836	7,195,200	536,987	1,059,713	107,411	5,210,915	61,463	21,148,594	263,197	27,419,222	432,071

(a) See note Tonnage of cargo on page 5.

(b) Includes Cape Cuvier and Useless Loop

(c) Includes Cape Lambert and Point Samson.

**No. 6—Cargo Discharged from, and Loaded for, Overseas according to
Geographic Trade Area: 1968-69**

Area	Cargo discharged		Cargo loaded	
	Tons weight (a)	Tons measurement (a)	Tons weight (a)	Tons measurement (a)
North America and Hawaiian Islands—				
Northern Area—				
United States of America—				
East Coast and Great Lakes Ports	145,443	19,658	377,089	574
West Coast and Hawaii	20,796	5,446	250,342	167
Canada—				
East Coast and Great Lakes Ports	1,709	1,066	2,387	414
West Coast	105,681	4,651	27,469	3
Central America	14,348	1,186	7
Bermuda and Caribbean Area	1,854	90
South America	22	3
Europe (excluding U.S.S.R.)—				
Northwestern, Central and Baltic Area—				
Norway	3,769	1,893	18	59
Sweden	3,784	1,478	1,226	2,239
Finland	1,485	1,378	17	79
Poland	25,264	125	4,114
Germany, East	3,528	926
Denmark	348	572	2
United Kingdom	19,906	67,080	279,634	35,951
Ireland, Republic of	9	2,450
Germany, Federal Republic of	4,765	9,621	418,494	14,241
Netherlands	5,242	15,519	1,299,433	5,650
Belgium-Luxembourg	4,083	5,511	57,999	3,357
France—Atlantic Region	13,845	602	488,659	1,106
Optional ports in more than one country	645	535	73,579	4,170
Southern Area—				
France—Mediterranean Region	416	1,333	2,931	1,066
Spain—				
Atlantic Region	97	869
Mediterranean Region	438	347	1,136	177
Portugal	416	347	138	1
Italy	3,061	16,245	715,749	4,244
Malta	84
Yugoslavia	16	2,065	932
Greece	77	761	41,465	110
Turkey (in Europe and Asia)	830	528
Cyprus	23	391
U.S.S.R. (in Europe and Asia)	1	8,378	1,067
Africa	8,474	6,643	38,670	10,298
Asia (excluding U.S.S.R.)—				
Western Area	135,146	18,433	294
Persian Gulf Area
Southern Area
South eastern Area
Eastern Area
Papua and New Guinea, New Zealand and Pacific Islands—				
Papua and New Guinea	19	1
New Hebrides	8
New Caledonia	4
Fiji	3,944	6
Nauru	503,682	18
Ocean Island	60,535
New Zealand	26,396	4,831	82,835	1,084
Indian Ocean Islands and Antarctic Region—				
Christmas Island	249,096	2,019	14,031	4,877
Cocos Island	219
Antarctica	134	13
TOTAL	4,761,254	292,836	21,148,594	263,197

(a) See note *Tonnage of cargo* on page 5.

No. 7—Principal Items of Cargo (Overseas, Interstate and Intrastate) Shipped at each Port (a) (Tons) (b)

The information in this table is obtained from data supplied by the several statutory Port Authorities; the Harbour and Light Department; and private operators (in respect of Barrow Island, Cape Cuvier, Dampier, Exmouth, Useless Loop and Yampi).

Port	Cargo	1964-65	1965-66	1966-67	1967-68	1968-69
Port of Fremantle	Alumina	129,562	169,978	303,007	406,586	596,973
	Barley	17,753	39,103	47,094	26,557	45,100
	Flour	80,020	54,808	39,393	45,720	38,309
	Iron and steel products	266,780	224,379	202,402	*195,591	600,187
	Iron ore	848,959	472,091
	Meat (frozen)	21,779	27,449	23,919	21,958	33,376
	Minerals	34,799	36,816	35,143	*32,129	36,587
	Oats	37,456	48,579	64,570	60,944	85,108
	Petroleum products	2,078,654	2,015,559	1,474,453	1,310,735	1,343,656
	Timber	18,311	28,559	27,614	*23,050	23,241
	Wheat	537,747	1,104,409	1,420,781	1,363,426	898,141
	Wool	102,932	131,618	142,267	*164,250	244,082
	Other	394,000	433,018	557,450	*578,592	583,843
	Total	3,719,793	4,314,275	4,338,093	5,078,497	5,000,694
Albany	Apples	11,920	3,711	8,595	5,501	6,663
	Barley	12,820	21,867	13,171	15,402	17,642
	Meat	1,926	2,170	2,358	2,545	3,962
	Oats	62,264	84,386	48,858	60,184	75,291
	Whale oil	5,625	4,167	3,016	5,556	3,660
	Wheat	188,566	245,059	255,242	265,960	70,535
	Wool	6,575	6,935	11,507	15,382	20,106
	Other	1,629	3,022	3,799	3,743	4,021
	Total	291,325	371,317	346,546	374,273	201,880
Barrow Island (c)	Crude oil	130,830	1,130,063	1,509,645
	Other	203	104	2,148	986	342
	Total	203	104	132,978	1,131,049	1,509,987
Broome	Drilling equipment	(d)	525	2,594
	Drilling mud	(d)	2,121
	Fertiliser	(d)	1,034
	Livestock	(d)	2	601	2,412
	Meat	2,235	3,952	2,971	3,432	5,019
	Meat by-products	(d)	590	1,497	2,148	2,287
	Pearl-shell	179	134	229	258	225
	Wool	79	83	90	26	80
	Other	3,981	*2,581	4,135	*8,462	5,221
	Total	6,474	8,376	8,922	15,452	19,959
Bunbury	Fruit	(d)	8,274	17,367	11,039	18,510
	Mineral sands	364,090	465,969	446,845	475,701	570,609
	Oats	29,433	48,944	15,222	42,095	24,650
	Timber	45,341	89,303	77,761	89,516	63,996
	Wheat	78,688	84,336	157,779	134,689	95,608
	Other	13,491	2,531	5,736	6,564	3,573
	Total	531,043	699,357	720,710	759,604	776,946
Busselton	Timber	15,740	15,587	8,210	7,822	5,292
	Titanium dioxide	80	145	360	187
	Total	15,820	15,732	8,570	8,009	5,292
Carnarvon (e)	Gypsum	50,018
	Salt	55,697	207,365
	Other	2,636	255
	Total	2,636	255	55,697	257,383
Dampier	Iron ore (f)	2,526,569	7,132,165	11,237,701
	Other	74	671	711	54
	Total	74	2,527,240	7,132,876	11,237,755
Derby	Lead, zinc ore	(d)	2,174
	Livestock	12,701	10,141	8,975	4,443	1,187
	Meat	(d)	546	1,417	658	465
	Rice	(d)	377	732
	Wool	443	392	367	391	241
	Other	11,509	2,922	3,738	2,981	2,585
	Total	24,653	16,552	15,229	8,473	4,478
Esperance	Barley and oats	17,362	15,459	25,470	16,754
	Copper ore	5,048	2,878	3,362	3,232	2,732
	Nickel	30,269	53,818
	Other minerals	40	602	1,034	563
	Salt	4,134
	Wheat	41,989	28,951	90,890	62,950	75,785
	Other	441	590	1,250	3,069
	Total	47,518	50,383	109,711	128,339	152,721
Exmouth	Total	345	470	208	11,224

(a) Where not recorded separately bunker oil is included. (b) See note *Tonnage of cargo* on page 5. (c) Buoyed sea terminal. (d) Not recorded separately. (e) Includes Cape Cuvier (for 1968-69) and Useless Loop (from 1967-68). (f) Includes pellets. * Revised.

No. 7—Principal Items of Cargo (Overseas, Interstate and Intrastate) Shipped at each Port (a)—*cont.*
(Tons) (b)

Port	Cargo	1964-65	1965-66	1966-67	1967-68	1968-69
Geraldton	Barley and oats	16,342	26,549	39,084	21,553	41,813
	Iron ore	116,605	644,326	578,943	577,097
	Manganese	15,628	39,218	69,888	21,692	50,276
	Other minerals	944	891	1,145	1,157	1,052
	Wheat	250,823	417,423	356,613	514,654	350,578
	Wool	193	...	101	226	...
	Other	2,271	4,201	6,390	7,456	5,932
	Total	286,201	604,887	1,117,547	1,145,681	1,026,748
Onslow	Wool	1,005	947	851	740	1,008
	Other	563	364	551	377	260
	Total	1,568	1,311	1,402	1,117	1,268
Port Hedland	Iron ore	76,058	2,277,126	4,033,920	5,490,528
	Manganese	69,055	71,163	129,476	124,871	138,494
	Other minerals	366	954	404	84	...
	Salt	32,028
	Wool	707	562	712	374	548
	Other	2,547	2,038	4,837	4,665	2,127
	Total	72,675	150,775	2,412,555	4,163,914	5,663,725
Port Walcott (g)	Asbestos	10,130	8,781	5,355
	Drilling equipment	582	3,964
	Iron ore	9,307	...	4,955	...
	Other minerals	68	107	93	...
	Wool	510	684	541	524	583
	Other	1,396	1,473	760	1,851	862
	Total	12,036	20,313	6,763	8,005	5,409
Wyndham	Cotton	(d)	1,614	2,837	4,139	3,878
	Cotton seed	(d)	1,802	5,214	8,170	6,578
	Meat	4,026	4,678	3,952	2,350	5,041
	Other	8,078	5,386	4,658	4,135	6,339
	Total	12,104	13,480	16,661	18,794	21,836
Yampi	Iron ore	1,570,047	2,701,863	2,924,718	2,148,211	2,845,694
	Other	380	214	217	1,300	1,451
	Total	1,570,427	2,702,077	2,924,935	2,149,511	2,847,145
Total tonnage, all ports		6,594,476	8,969,613	14,688,332	22,179,499	28,744,450

(a) Where not recorded separately, bunker oil is included. (b) See note *Tonnage of cargo* on page 5. (d) Not recorded separately. (g) Includes Cape Lambert and Point Samson.

No. 8—Operations of the Fremantle Port Authority (a)

(Source: Fremantle Port Authority)

Particulars	Unit	1964-65	1965-66	1966-67	1967-68	1968-69
FINANCE						
Capital—						
Fixed assets	\$	28,540,592	29,190,296	29,865,755	31,615,755	32,762,526
Less depreciation and sinking fund	\$	10,117,870	10,337,608	10,567,312	10,805,336	10,818,695
Net capital indebtedness	\$	18,422,722	18,852,688	19,298,443	20,810,419	21,943,831
Earnings	\$	7,334,376	7,870,126	8,045,470	9,638,118	10,009,346
According to source—						
From Shipowners	per cent	34.45	33.93	33.18	32.92	38.27
Cargo owners	per cent	58.68	59.85	60.12	57.33	53.80
Miscellaneous services	per cent	6.87	6.22	6.70	9.75	7.93
Per ton of cargo (b)	cent	214.55	181.44	156.38	150.09	168.02
Working expenses	\$	5,673,740	6,040,556	6,348,683	7,270,130	7,455,044
Per ton of cargo (b)	cent	165.98	139.26	123.40	113.22	125.14
Percentage of earnings	per cent	77.36	76.75	78.91	75.43	74.48
Other charges	\$	1,584,090	1,709,175	1,657,722	2,250,358	2,519,639
Net surplus	\$	76,546	120,395	39,065	117,630	34,663
Net deficiency	\$
SHIPPING						
Cargo tonnage (c)—						
Inward—Inner Harbour	ton	1,146,733	1,285,151	1,420,443	1,595,332	1,327,469
Outer Harbour	ton	3,885,997	3,997,061	3,727,947	4,057,810	4,919,838
Total	ton	5,032,730	5,282,212	5,148,390	5,653,142	6,247,307
Outward—Inner Harbour	ton	1,336,621	2,000,665	2,363,546	2,305,602	2,050,305
Outer Harbour	ton	2,383,172	2,313,610	1,974,547	2,772,895	2,950,389
Total	ton	3,719,793	4,314,275	4,338,093	5,078,497	5,000,694
Bunker tonnage—						
Inner Harbour	ton	271,358	308,757	335,248	454,847	429,850
Outer Harbour	ton	76,248	62,903	91,738	118,409	104,814
Total	ton	347,606	371,660	426,986	573,256	534,664
Ships using the port—						
Inner Harbour	number	1,121	1,273	1,320	1,515	1,475
Outer Harbour	number	308	327	298	341	361
Total	number	1,429	1,600	1,618	1,856	1,836
Gross tonnage (c)	ton	13,852,107	14,702,244	14,689,605	15,467,310	15,789,889
Wharf berth accommodation (d)	feet	11,148	11,148	11,148	11,237	12,787

(a) Known as the Fremantle Harbour Trust until 27 November 1964.

(b) Excluding all shipments to and from

BP Refinery (Kwinana) Proprietary Limited.

(c) See note *Tonnage of cargo* on page 5.

(d) Inner Harbour only.

No. 9—Operations of the Albany Port Authority (a)

(Source: Albany Port Authority)

Particulars	Unit	1964-65	1965-66	1966-67	1967-68	1968-69
FINANCE						
Capital	\$	3,828,084	3,828,070	3,828,070	3,839,367	4,035,319
Earnings	\$	350,174	402,635	432,206	520,498	517,573
According to source—						
From Shipowners	per cent	30.2	24.6	24.9	22.5	24.1
Cargo owners	per cent	64.8	68.5	70.8	70.8	70.3
Miscellaneous services	per cent	5.0	6.9	4.3	6.7	5.6
Per ton of cargo	cent	70.1	67.9	74.9	78.1	108.05
Working expenses	\$	155,278	145,555	184,555	188,216	345,192
Per ton of cargo	cent	31.1	24.6	32.0	28.2	72.06
Percentage of earnings	per cent	44.3	36.2	42.7	36.16	66.69
Statutory obligations—						
Interest	\$	171,496	179,906	187,646	194,585	207,226
Sinking fund contributions	\$	28,170	29,475	30,800	32,187	33,692
Net surplus	\$	47,699	47,699	29,205	103,510
Net deficiency	\$	4,770	68,537
SHIPPING						
Cargo tonnage (b)—						
Inward	ton	208,409	221,990	230,857	292,019	277,126
Outward	ton	291,325	371,317	346,546	374,273	201,880
Total	ton	499,734	593,307	577,403	666,292	479,006
Bunker tonnage	ton	17,632	15,991	15,558	26,913	22,377
Ships using the port	number	158	151	167	207	166
Gross tonnage	ton	1,401,929	1,400,016	1,470,857	1,732,551	1,526,892
Wharf berth accommodation	feet	3,615	3,615	3,615	3,615	3,615

(a) Known as the Albany Harbour Board until 1 December 1967.

(b) See note *Tonnage of cargo* on page 5.

No. 10—Operations of the Bunbury Port Authority (a)

(Source: Bunbury Port Authority)

Particulars	Unit	1964-65	1965-66	1966-67	1967-68	1968-69
FINANCE						
Capital	\$	6,195,300	5,930,351	6,472,267	6,822,108	7,282,557
Earnings	\$	532,826	624,465	708,306	785,020	807,513
According to source—						
From Shipowners	per cent	20.6	13.5	12.5	11.7	9.2
Cargo owners	per cent	46.8	50.5	53.2	58.1	52.4
Miscellaneous services	per cent	32.6	36.0	34.3	30.2	38.4
Per ton of cargo	cent	71.9	68.8	72.4	76.2	75.8
Working expenses	\$	327,814	233,528	274,116	293,675	287,865
Per ton of cargo	cent	44.3	25.7	28.0	28.1	27.0
Percentage of earnings	per cent	61.5	37.4	38.7	37.4	35.6
Statutory obligations—						
Interest	\$	288,128	294,857	291,693	332,376	354,790
Depreciation (b)	\$	3,558	52,346	58,778	64,574	65,822
Net surplus	\$	43,734	43,734	83,719	94,395	99,036
Net deficiency	\$	86,674
SHIPPING						
Cargo tonnage (c)—						
Inward	ton	209,665	207,929	256,042	279,331	286,598
Outward	ton	531,043	699,357	720,710	759,604	776,946
Total	ton	740,708	907,286	976,752	1,038,935	1,063,544
Bunker tonnage	ton	1,675	2,368	1,235	3,406	2,502
Ships using the port	number	139	168	158	161	155
Gross tonnage	ton	1,178,084	1,275,952	1,371,383	1,356,413	1,407,909
Wharf berth accommodation	feet	4,300	4,300	*4,808	*4,808	4,808

(a) Known as the Bunbury Harbour Board until 1 December 1967.

(b) Described as 'depreciation of capital assets'.

(c) See note *Tonnage of cargo* on page 5.

*Revised.

RAILWAYS
WESTERN AUSTRALIAN GOVERNMENT RAILWAYS
(Including railways road services)
No. 11—Length of Railway open for Traffic
(Miles)

Division (including branches)	At 30 June—				
	1965	1966	1967	1968	1969
3 ft 6 in gauge—					
Eastern.....	179	192	140	140	136
Eastern Goldfields.....	717	719	715	715	715
East Northam-Mullewa.....	589	589	589	593	593
Northern.....	624	617	617	617	617
Great Southern.....	902	908	908	908	908
South-Western.....	723	723	724	724	728
Total.....	3,733	3,747	(a) 3,694	(a) *3,698	(a) 3,697
4 ft 8½ in gauge.....	247	249	377
Dual gauge.....	65	66	64	68

(a) Includes route mileage of 3 ft 6 in gauge line which parallels the 4 ft 8½ in gauge line.

* Revised.

No. 12—Route Miles and Rolling Stock
(Number)

At 30 June—						Route miles		Vehicles					
						Rail (a)	Road	Loco- motives	Rail			Road	
							Omni- bus		Coaching		Other		
									Ordin- ary	Motor (b)			
1960	4,120	3,012	394	304	62	12,630	49	
1961	4,123	3,013	388	280	62	12,659	49	
1962	3,851	3,265	365	273	58	12,557	51	
1963	3,797	3,240	354	250	60	12,639	52	
1964	3,677	3,256	328	240	60	12,626	50	
1965	3,733	3,732	346	204	62	13,166	65	
1966	3,747	3,730	351	199	64	13,146	61	
1967	*3,815	3,572	361	176	63	13,330	64	
1968	3,815	*3,958	363	157	81	13,188	*61	
1969	3,826	4,045	366	142	83	13,077	63	

(a) Where one gauge parallels another the mileage of parallel route is counted only once.

(b) Includes rail car trailers.

(c) Includes passenger-freighter omnibuses.

* Revised.

No. 13—Rolling Stock in Service, by Type of Vehicle

Type of vehicle	At 30 June—									
	1965	1966	1967	1968	1969	1965	1966	1967	1968	1969
	3 ft 6 in gauge					4 ft 8½ in gauge				
Locomotives—										
Steam.....	240	238	237	215	204
Diesel—										
Electric.....	89	90	90	105	105	5	8	19	28	42
Mechanical.....	4	4	4	4	4
Hydraulic.....	8	11	11	11	11
Total.....	341	343	342	335	324	5	8	19	28	42
Coaching stock—										
Passenger cars.....	119	117	94	75	63
Sleeping cars.....	62	59	59	59	57
Lounge, buffet, and dining cars.....	11	11	11	11	11
Rail motor cars.....	37	37	37	47	47
Rail motor trailers.....	25	27	26	34	36
Other vehicles (a).....	12	12	12	12	11
Total.....	266	263	239	238	225
Goods stock (b).....	12,100	11,994	11,842	11,713	11,447	45	124	447	494	654
Service stock (c).....	915	922	933	873	868	106	106	108	108	108

(a) Consists of inspection, track recorder, ministerial, vice-regal and special cars.

(b) Includes brake vans, goods wagons, livestock wagons, mineral wagons, etc.

(c) Includes ballast wagons, workmen's vans, ash disposal wagons, water tanks, etc. Excludes service vehicles shown under 'Coaching stock'; see footnote (a).

WESTERN AUSTRALIAN GOVERNMENT RAILWAYS—continued

No. 14—Traffic
(Including railways road services)

Year	Miles			Passenger journeys		Freight	
	Train (a)	Locomotive and rail car	Omnibus	Railway	Omnibus	Paying	Departmental
	number	number	number	number	number	tons	tons
1959-60	7,961,880	9,466,470	1,328,167	13,879,329	260,625	4,532,614	676,220
1960-61	7,818,746	9,322,646	1,514,202	12,660,941	266,233	4,833,228	534,760
1961-62	8,065,240	9,752,929	1,556,109	11,906,095	260,972	5,342,311	621,985
1962-63	7,550,509	9,029,550	1,649,327	11,536,462	263,480	4,792,753	528,994
1963-64	7,506,251	9,034,673	1,670,775	10,814,083	250,513	5,187,468	520,790
1964-65	7,561,872	9,219,216	1,948,755	10,394,912	259,973	5,229,230	511,930
1965-66	8,043,281	9,706,517	2,060,657	10,167,851	255,238	6,383,509	452,083
1966-67	8,316,197	10,222,741	1,945,130	9,811,094	237,329	7,872,978	461,449
1967-68	8,372,399	10,449,660	1,874,859	9,970,042	227,901	8,910,464	491,410
1968-69	7,901,145	9,705,532	1,957,638	10,170,457	234,452	8,934,477	517,406

(a) Revenue train miles (excluding assistant, light and departmental mileage).

No. 15—Freight Summary
(Excludes railways road services)

Year	Goods train miles	Tons carried	Ton-miles	Earnings (a)	Average train load	Average haul per ton	Average earnings per ton- mile	Density of traffic per average mile worked
	number	number	number	\$	tons	miles	cents	tons
1959-60	5,114,857	4,532,614	705,245,196	24,502,020	141	156	3·47	171,167
1960-61	5,208,016	4,833,228	747,579,727	27,549,100	147	155	3·69	181,323
1961-62	5,526,116	5,342,311	831,126,673	29,855,674	166	156	3·59	215,808
1962-63	5,094,701	4,792,753	762,274,264	27,667,682	165	159	3·63	200,734
1963-64	5,155,980	5,187,468	813,319,017	29,434,554	172	157	3·62	221,207
1964-65	5,203,303	5,229,230	842,066,057	30,384,268	174	161	3·61	225,575
1965-66	5,749,441	6,383,509	1,020,769,772	37,040,183	188	160	3·63	272,390
1966-67	6,094,441	7,872,978	1,244,067,065	42,101,273	219	158	3·38	341,247
1967-68	6,155,809	8,910,464	1,571,748,686	45,348,758	272	176	2·89	422,617
1968-69	5,683,989	8,934,477	1,525,834,877	42,652,377	290	171	2·80	377,302

(a) Receipts from goods carried by road services are included under 'Goods and livestock' in Table 17.

No. 16—Commodities Carried
(Excludes railways road services)
(Tons)

Year	Freight classification									
	Wheat	Other agricul- tural produce	Fer- tilisers	Timber	Coal, coke, etc.	Ores and minerals	Oil in tank wagons	Live- stock	Other	Tota
1959-60	1,434,383	486,773	450,659	330,993	565,739	270,690	175,472	161,079	656,826	4,532,614
1960-61	1,661,117	632,893	443,411	340,649	483,426	304,914	165,664	140,717	660,437	4,833,228
1961-62	1,945,756	566,141	482,495	328,309	648,178	405,155	168,636	125,619	672,022	5,342,311
1962-63	1,480,307	477,957	500,407	311,908	681,793	345,691	179,140	124,808	690,742	4,792,753
1963-64	1,473,981	468,475	521,910	363,069	704,244	626,560	183,781	114,905	730,543	5,187,468
1964-65	1,187,758	431,403	539,718	359,387	757,836	868,019	198,046	100,841	786,222	5,229,230
1965-66	1,966,892	539,142	587,486	367,536	678,385	1,101,842	214,752	106,836	820,638	6,383,509
1966-67	2,338,140	511,825	664,357	363,545	590,994	2,264,298	237,571	97,126	805,122	7,872,978
1967-68	2,276,520	478,101	703,806	392,676	359,394	3,477,873	248,163	87,827	886,104	8,910,464
1968-69	1,512,215	563,680	666,714	332,900	229,242	4,352,432	256,116	87,701	933,477	8,934,477

WESTERN AUSTRALIAN GOVERNMENT RAILWAYS—*continued*

(Including railways road services)

No. 17—Operating Revenue

(\$)

Year	Coaching				Goods and livestock	Miscellaneous	Total
	Passenger fares		Mails and parcels				
	Rail	Road	Rail	Road			
1959-60	2,286,730	263,452	957,888	89,146	24,890,450	1,588,862	30,076,528
1960-61	2,248,934	293,812	943,602	96,608	27,931,582	1,561,158	33,075,696
1961-62	2,278,816	331,696	1,018,748	100,880	30,304,910	1,572,568	35,607,618
1962-63	2,261,652	347,532	1,018,450	106,218	28,181,774	1,513,402	33,429,028
1963-64	2,297,452	386,540	1,076,550	115,514	29,872,766	1,440,838	35,189,660
1964-65	2,445,594	491,346	1,127,920	131,352	31,035,934	1,454,186	36,686,332
1965-66	2,472,000	528,782	1,221,713	156,872	37,708,034	1,581,536	43,668,937
1966-67	2,674,816	541,920	1,331,016	151,558	42,771,550	1,649,126	49,119,986
1967-68	2,818,426	548,936	1,375,538	154,212	46,097,840	1,777,928	52,772,880
1968-69	2,874,048	596,963	1,547,067	152,121	43,375,249	2,012,665	50,558,113

No. 18—Operating Expenses (a)

(\$)

Year	Maintenance of way and works	Traffic and commercial	Motive power and mechanical	Road services	Other	Total
1959-60	5,475,252	7,040,584	14,368,486	362,852	3,569,234	30,816,408
1960-61	5,499,912	7,392,326	14,047,400	417,792	3,745,164	31,102,594
1961-62	5,266,444	7,783,320	14,124,002	406,682	3,946,064	31,526,512
1962-63	5,382,446	7,714,790	13,728,276	425,946	3,898,054	31,149,512
1963-64	5,512,542	8,157,702	14,074,540	451,208	4,054,496	32,250,488
1964-65	5,642,174	8,550,428	13,837,072	660,296	4,230,130	32,920,100
1965-66	6,184,749	9,519,270	14,892,048	818,731	4,569,725	35,984,523
1966-67	7,506,494	10,777,700	16,144,042	871,125	4,870,456	40,169,817
1967-68	7,995,343	11,738,961	16,884,706	886,679	5,117,735	42,623,424
1968-69	8,202,471	12,422,175	17,295,817	974,584	5,608,012	44,503,059

(a) Excludes interest and depreciation; for 'Net Financial Result' see Table 19.

No. 19—Capital Investment and Net Financial Result

(\$)

Year	Capital investment (a)	Interest charges	Depreciation	Excess of operating revenue over operating expenses	Excess of operating expenses over operating revenue	Total deficit
1959-60	107,182,138	4,679,578	3,373,924	739,880	8,793,382
1960-61	109,912,506	4,841,996	3,629,034	1,973,102	6,497,928
1961-62	112,590,830	5,081,870	3,817,990	4,081,106	4,818,754
1962-63	117,428,224	5,225,892	3,921,980	2,279,516	6,868,356
1963-64	124,033,872	5,577,070	4,049,454	2,939,172	6,687,352
1964-65	127,449,338	6,231,836	4,354,444	3,766,232	6,820,048
1965-66	133,825,074	7,006,097	4,669,370	7,684,414	3,991,053
1966-67	139,392,603	8,068,504	5,340,476	8,950,169	4,458,811
1967-68	145,579,669	8,809,562	6,139,917	10,149,456	4,800,023
1968-69	155,697,085	9,532,959	6,573,892	6,055,054	10,051,797

(a) At 30 June. Includes Stores Fund.

WESTERN AUSTRALIAN GOVERNMENT RAILWAYS—*continued*

(Including railways road services)

No. 20—Employees (a) and Salaries and Wages Paid

Year	Salaried staff		Wages staff	
	Number	Salaries	Number	Wages
		\$		\$
1959-60	1,987	4,843,714	10,834	20,153,474
1960-61	1,974	5,135,124	10,646	20,525,094
1961-62	2,011	5,421,126	10,276	20,323,098
1962-63	2,015	5,591,866	10,080	19,664,108
1963-64	2,019	6,177,612	9,663	20,158,080
1964-65	2,054	6,544,092	9,569	20,933,194
1965-66	2,068	6,908,272	9,696	23,213,077
1966-67	2,080	7,435,512	9,520	24,838,627
1967-68	2,123	8,070,774	9,359	25,774,402
1968-69	2,137	8,658,397	9,057	26,794,370

(a) At 30 June.

PRIVATE RAILWAYS

Private timber railways are operated in the south-west of the State but the scale of operations is very small and statistics are not collected. The following table shows the private railways which are used for the haulage of iron ore.

No. 21—Railways used for Transport of Iron Ore (a)

Railway	Enabling Act	Length (route miles)	Gauge	Date operative (b)
Goldsworthy-Port Hedland (c)	No. 97 of 1964 (d)	71	4 ft 8½ in	1966—23 May
Tom Price-Dampier (c)	No. 24 of 1963 (e)	182	4 ft 8½ in	1966—1 July
Newman-Port Hedland (c)	No. 75 of 1964 (f)	265	4 ft 8½ in	1969—18 January
Westmine-Tilley (g)	No. 104 of 1964 (h)	13	3 ft 6 in	1966—31 January
Koolyanobbing-Kwinana (i)	No. 27 of 1961 (j)	306	4 ft 8½ in	1967—10 April

(a) The quantity of ore carried on these railways was 2.65 million tons in 1966, 9.69 million tons in 1967, 15.5 million tons in 1968, and 26.0 million tons in 1969. (b) Date on which first load of iron ore was dispatched from mine. (c) Privately owned and operated. (d) *Iron Ore (Mount Goldsworthy) Agreement Act, 1964.* (e) *Iron Ore (Hamersley Range) Agreement Act, 1963.* (f) *Iron Ore (Mount Newman) Agreement Act, 1964.* (g) Privately owned, but operated by the Western Australian Government Railways Commission. Connected at Tilley to the Western Australian Government Railways line to the port of Geraldton. (h) *Iron Ore (Tallering Peak) Agreement Act, 1964.* (i) Part of the Western Australian Government Railways system; open for general and passenger traffic. (j) *Railways (Standard Gauge) Construction Act, 1961.*

ROADS AND ROAD TRAFFIC

Roads. The figures in Table 21 were obtained by a survey of local government authorities which was conducted by the Main Roads Department and include both roads controlled by the Department and roads controlled by the local authorities.

The figures shown for the Perth Statistical Division do not relate to 30 June 1969 as the local government authorities in this Division reported figures at various times during the period December 1969 to March 1971. It is considered that this difference in timing does not materially affect the figures shown in the table.

Motor Vehicles

Motor vehicle registrations. In Western Australia there is no single authority responsible for the licensing of motor vehicles. The Traffic Branch of the Police Department issues licences and controls traffic in the Metropolitan Traffic Area and in local government areas which have voluntarily transferred their vehicle licensing and traffic control powers to the Commissioner of Police. Legislative authority for such transfers is contained in the *Traffic Act Amendment Act (No. 2), 1969*. Outside the areas controlled by the Police Department each Town Council or Shire Council is responsible for the licensing of vehicles and traffic control in their own district.

The *Local Government Act, 1960-1970* authorises two or more municipalities to constitute regional councils for local government purposes. As a result, a number of regional traffic councils have been constituted by groups of municipalities for the purpose of controlling traffic in their districts. In all cases where regional traffic councils have been constituted the vehicle licensing function is retained by the municipalities.

The Metropolitan Traffic Area is defined in Regulations made under the Traffic Act. The local government areas which comprised the Metropolitan Traffic Area at 30 June 1969 and the local government areas outside the Metropolitan Traffic Area which up to that time had transferred vehicle licensing and traffic control powers to the Commissioner of Police are listed below. Cities are marked (C) and Towns (T); all other local government areas listed are Shires.

Metropolitan Traffic Area:

Armadale-Kelmscott	East Fremantle (T)	Nedlands (C)
Bassendean	Fremantle (C)	Peppermint Grove
Bayswater	Gosnells	Perth (C)
Belmont	Kwinana	Perth
Canning	Melville (C)	Rockingham
Claremont (T)	Midland (T)	South Perth (C)
Cockburn	Mosman Park (T)	Subiaco (C)
Cottesloe (T)	Mundaring (part)	Swan-Guildford (part)

Local government areas outside the Metropolitan Traffic Area in which the Commissioner of Police has control of traffic and vehicle licensing are:

Broome
West Kimberley

At the same date (30 June 1969) there were 118 local government areas throughout the State which had the function of vehicle licensing and traffic control. This figure excludes the Shires of Mundaring and Swan-Guildford, part of whose areas are included in the Metropolitan Traffic Area.

The sources of the statistics on motor vehicle registrations are the records of the Police Department and of the individual local authorities. Comprehensive information on the characteristics of motor vehicles on register is obtained at the periodic Census of Motor Vehicles, last held at 31 December 1962. Between censuses, estimates are made regularly of the number of vehicles of each type which are on register.

The Perth Statistical Division was constituted with effect from 1 January 1966. It includes the whole of the Metropolitan Traffic Area, the Shires of Kalamunda, Serpentine-Jarrahdale and Wanneroo in their entirety, and those parts of the Shires of Mundaring and Swan-Guildford outside the Metropolitan Traffic Area.

Motor drivers' and riders' licences. The Commissioner of Police has the authority under the Traffic Act to issue drivers' and riders' licences throughout the State.

Persons who have not previously held a licence under the Act are issued with a probationary licence, the period of probation being three years. At the end of this period the probationary licence becomes an ordinary licence. In the tables in this section licences are counted once only, *i.e.* a probationary licence which is converted to an ordinary licence is shown only as the issue of a probationary licence.

Persons who have previously held a licence in a place outside the State are issued with an ordinary licence provided that the previous licence had been held for a period of three years.

The Traffic Act provides that the Commissioner of Police may suspend or cancel a driver's licence under certain conditions, one of them being the number or nature of the convictions under the Act or its Regulations. The Act also specifies that where a court suspends the operation of a licence issued on probation or where the holder of a probationary licence is convicted of certain offences then the probationary licence is cancelled.

ROADS

No. 22—Roads Open for Vehicular Traffic at 30 June 1969

Mileage classified according to Statistical Division

(Source: Main Roads Department)

Statistical Division	Formed roads				Unformed roads (a)	Grand total
	Sealed	Gravel surface	Formed only (b)	Total		
Perth Statistical Division	3,762	496	93	4,351	1,639	5,991
Other Statistical Divisions—						
South-West	2,234	2,517	1,380	6,131	12,300	18,431
Southern Agricultural	1,811	1,531	4,994	8,336	2,753	11,090
Central Agricultural	3,345	3,778	7,219	14,342	3,061	17,403
Northern Agricultural	1,970	3,177	3,901	9,049	2,305	11,353
Eastern Goldfields	1,572	1,454	3,588	6,614	5,153	11,767
Central	284	747	2,376	3,408	4,483	7,891
North-West	439	148	1,118	1,705	2,890	4,595
Pilbara	138	515	1,176	1,829	2,310	4,139
Kimberley	424	585	1,463	2,472	2,215	4,688
Total	12,218	14,452	27,215	53,886	37,471	91,357
WESTERN AUSTRALIA	15,980	14,948	27,308	58,237	39,110	97,348

(a) Roads, unprepared except for certain clearing used for vehicular traffic.

(b) Comprises roads, mainly of natural surfaces, formed but not metalled or otherwise prepared.

MOTOR VEHICLES

No. 23—New Motor Vehicles Registered

Year	Motor cars	Station wagons	Utilities	Panel vans	Trucks	Omnibuses	Motor cycles (a)	Total
PERTH STATISTICAL DIVISION								
1960								
1961	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1962								
1963	12,847	3,846	1,564	708	826	76	498	20,365
1964	11,832	3,773	1,532	756	945	84	387	19,309
1965	11,798	3,457	1,727	858	1,176	87	395	19,498
1966	13,874	3,882	2,074	1,037	1,171	58	613	22,709
1967	16,533	4,146	2,301	1,257	1,475	122	834	26,668
1968	19,710	4,504	2,444	1,517	1,759	59	955	30,948
1969	22,869	4,720	2,623	1,843	2,028	146	1,017	35,246
WESTERN AUSTRALIA (b)								
1960	12,713	2,951	5,721		1,470		22,855	
1961	10,670	3,228	5,174		903		19,975	
1962	16,670	5,151	3,272	1,004	1,760	106	898	28,861
1963	18,426	6,049	3,889	947	1,910	130	683	32,034
1964	17,128	5,982	3,719	1,074	2,098	151	568	30,720
1965	16,988	5,706	4,095	1,181	2,680	174	588	31,412
1966	20,354	6,306	4,740	1,429	2,751	150	926	36,656
1967	23,413	6,394	4,975	1,607	3,181	207	1,317	41,094
1968	27,658	6,814	5,261	1,962	3,292	167	1,622	46,776
1969	31,086	6,637	5,180	2,268	3,394	258	1,661	50,484

n.a. denotes 'not available'.

(a) Includes motor scooters.

(b) Includes Commonwealth-owned vehicles other than those of the defence services.

MOTOR VEHICLES—continued

No. 24—Motor Vehicles on Register and Ratio to Population (a)

At 31 December—	Motor cars and station wagons	Utilities, vans, trucks, omnibuses	Motor cycles and motor scooters	All motor vehicles (b)	Estimated number of vehicles per 1,000 of population (c)		Estimated number of persons per vehicle (c)	
					Motor cars and station wagons	All motor vehicles (d)	Motor cars and station wagons	All motor vehicles (d)
PERTH STATISTICAL DIVISION (e)								
1960	92.5	28.8	9.1	130.4	197	277	5.1	3.6
1961	100.0	29.6	9.1	138.6	207	287	4.8	3.5
1962	113.5	30.9	9.0	153.5	227	307	4.4	3.3
1963	126.0	31.6	8.1	165.7	243	320	4.1	3.1
1964	136.1	32.3	7.0	175.5	255	329	3.9	3.0
1965	146.8	33.9	6.4	187.1	267	340	3.8	2.9
1966	164.6	37.5	6.5	208.6	289	366	3.5	2.7
1967	179.9	39.9	6.6	226.4	304	383	3.3	2.6
1968	199.7	43.6	6.9	250.2	321	402	3.1	2.5
1969	222.4	47.5	7.6	277.5	342	427	2.9	2.3
WESTERN AUSTRALIA (f)								
1960	137.3	70.2	12.7	220.3	188	301	5.3	3.3
1961	147.7	72.3	12.5	232.4	196	308	5.1	3.2
1962	165.6	75.5	12.3	253.4	213	326	4.7	3.1
1963	181.4	77.7	11.0	270.1	227	338	4.4	3.0
1964	195.8	78.5	9.6	283.9	239	347	4.2	2.9
1965	210.7	82.7	8.9	302.4	251	361	4.0	2.8
1966	231.9	86.6	8.9	327.3	269	379	3.7	2.6
1967	251.7	90.9	9.3	351.9	282	394	3.5	2.5
1968	276.0	95.1	10.0	381.1	297	409	3.4	2.4
1969	304.1	100.4	11.0	415.5	315	430	3.2	2.3

(a) Figures shown for motor vehicles during the period 1960-1962 have been adjusted to conform to the results of the Census of Motor Vehicles at 31 December 1962. (b) Figures do not in all cases equal the sum of the numbers shown in the preceding columns, owing to rounding to the nearest thousand. (c) The estimates shown for 31 December 1967, 1968 and 1969 are subject to revision after the 1971 Census of Population. (d) Including motor cars and station wagons. (e) See note on page 22. (f) Includes Commonwealth Government-owned vehicles (other than those of the defence services) listed with the Commonwealth Motor Vehicle Registry, Canberra. At 31 December 1969 there were 2,102 such vehicles comprising 199 motor cars, 388 station wagons, 546 utilities, 378 panel vans, 518 trucks, 24 omnibuses and 49 motor cycles.

MOTOR VEHICLES—continued

No. 25—Number of Motor Drivers' Licences on Issue at 30 June 1969 (a)

(Source: Commissioner of Police for Western Australia)

Age group	Males	Females	Persons	Type of licence		
				Ordinary	Probationary	Total
Under 17 years	53	12	65	2	63	65
17 to 20	27,030	14,934	41,964	3,872	38,092	41,964
21 to 24	30,278	19,683	49,961	37,883	12,078	49,961
25 to 29	32,015	21,484	53,499	47,273	6,226	53,499
30 to 39	54,148	34,884	89,032	82,051	6,981	89,032
40 to 49	50,716	27,386	78,102	74,580	3,522	78,102
50 to 59	35,805	17,048	52,853	51,447	1,406	52,853
60 to 74	27,756	8,790	36,546	36,144	402	36,546
75 years and over	2,346	337	2,683	2,678	5	2,683
Total	260,147	144,558	404,705	335,930	68,775	404,705

(a) New licences issued during the year ended 30 June 1969 comprised 14,194 private ordinary, 29,081 private probationary (including re-issue of cancelled probationary) and 829 bus and taxi licences.

No. 26—Number of Motor Drivers' Licences Suspended or Cancelled (a)

(Source: Commissioner of Police for Western Australia)

Year	Type of licence		
	Ordinary	Probationary (b)	Total
1964-65	3,524	616	4,140
1965-66	3,126	2,268	5,394
1966-67	3,138	3,685	6,823
1967-68	4,608	5,248	9,856
1968-69	5,590	5,614	11,204

(a) Suspensions and cancellations imposed during the period, not those in force at the end of the period. (b) Probationary licences commenced on 2 March 1964.

OMNIBUS SERVICES

No. 27—Omnibus Services: Government, Municipal and Private (a)

Year	Route miles operated	Omnibuses at 30 June	Omnibus miles run '000	Passengers carried '000	Employees at 30 June	Operating revenues (b) \$'000	Operating expenses \$'000	Depreciation \$'000	Interest \$'000
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METROPOLITAN (PERTH) PASSENGER TRANSPORT TRUST (c) (d)

1964-65	575	590	16,519	49,967	1,685	5,169	5,386	584	386
1965-66	614	626	17,893	52,268	1,759	5,622	6,095	601	408
1966-67	626	653	18,708	53,126	1,764	6,676	6,529	581	426
1967-68	642	681	19,031	52,929	1,753	7,012	6,734	630	452
1968-69	628	688	19,736	54,713	1,737	7,205	7,320	626	463

WESTERN AUSTRALIAN GOVERNMENT RAILWAYS

1964-65	3,732	65	1,949	260	140	491	495	52	23
1965-66	3,730	60	2,061	255	140	529	580	60	26
1966-67	3,572	64	1,945	237	137	542	597	75	33
1967-68	3,958	61	1,875	228	142	549	610	76	34
1968-69	4,045	63	1,958	234	145	596	635	104	66

THE EASTERN GOLDFIELDS TRANSPORT BOARD

1964-65	14	12	171	675	13	52	54	8
1965-66	15	12	171	656	14	50	59	3
1966-67	15	12	185	684	14	57	60	5
1967-68	15	15	232	734	18	69	78	9	(e)
1968-69	14	19	275	791	19	84	82	11	(e)

PRIVATE

1964-65	616	37	791	1,446	45	159	155	20	3
1965-66	628	37	752	1,379	48	148	155	15	1
1966-67	4,223	41	847	1,431	51	238	233	30	3
1967-68	3,895	35	1,231	1,162	48	382	390	30	4
1968-69	(f)	37	1,098	1,199	46	419	440	38	8

(a) Excludes school transport services and tourist services. (b) Passenger fares and subsidies only. (c) For passenger ferry operations, see Table 28. (d) Includes operations of trolley-buses. (e) Less than \$500. (f) Not available.

FERRY SERVICE

No. 28—Perth-South Perth Ferry Service (a)

Year	Miles run (b)	Boats at 30 June	Passengers carried (b)	Employees at 30 June	Operating revenues	Operating expenses	Depreciation	Interest
	number	number	number	number	\$	\$	\$	\$
1959-60	24,687	4	362,316	7	24,438	28,932	2,036	542
1960-61	21,500	4	179,851	7	18,422	22,606	2,008	(c)
1961-62	22,293	4	167,521	8	19,778	23,392	1,448	(c)
1962-63	22,144	4	192,448	8	22,442	28,002	1,458	484
1963-64	22,262	4	184,556	8	23,896	30,538	1,652	330
1964-65	22,064	5	201,336	8	30,636	33,900	1,796	660
1965-66	21,588	5	238,273	9	34,200	39,407	493	540
1966-67	21,784	5	253,160	9	40,925	41,096	564	623
1967-68	22,308	5	311,888	9	47,778	47,974	964	814
1968-69	22,524	5	336,146	9	55,368	53,462	1,216	766

(a) Conducted by the Western Australian Government Tramways and Ferries Department until 30 June 1960 and after that date operated by the Metropolitan (Perth) Passenger Transport Trust. (b) Excludes private charter operations. (c) Not available.

ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES

No. 29—Number of Accidents, Persons Killed and Persons Injured: Sexes

Year	Accidents involving casualties	Persons killed			Persons injured		
		Males	Females	Persons	Males	Females	Persons
METROPOLITAN TRAFFIC AREA							
1960	2,598	71	23	94	2,265	1,024	3,289
1961	2,391	54	25	79	2,100	1,010	3,110
1962	2,586	63	20	83	2,278	1,147	3,425
1963	2,913	86	24	110	2,517	1,217	3,734
1964	2,859	66	22	88	2,458	1,303	3,761
1965	3,001	76	29	105	2,527	1,403	3,930
1966	3,174	78	37	115	2,781	1,525	4,306
1967	3,522	78	32	110	3,094	1,680	4,774
1968	3,607	95	42	137	3,159	1,820	4,979
1969	3,758	108	37	145	3,216	1,998	5,214
WESTERN AUSTRALIA							
1960	3,713	156	43	199	3,396	1,466	4,862
1961	3,528	126	46	172	3,334	1,445	4,779
1962	3,685	143	34	177	3,470	1,607	5,077
1963	4,057	161	37	198	3,753	1,646	5,399
1964	4,062	168	54	222	3,688	1,762	5,450
1965	4,170	196	56	252	3,711	1,927	5,638
1966	4,346	184	69	253	3,984	2,013	5,997
1967	4,659	193	63	256	4,287	2,139	6,426
1968	4,708	242	78	320	4,293	2,260	6,553
1969	4,809	237	74	311	4,318	2,470	6,788

ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES—*continued*

No. 30—Persons Killed and Persons Injured: Age Groups

Year	Age last birthday (years)										Total
	0-4	5-6	7-16	17-20	21-29	30-39	40-49	50-59	60 and over	Not stated	
MALES KILLED											
1960	2	4	12	19	35	20	18	16	30	156
1961	3	2	7	18	20	14	24	12	26	126
1962	6	1	9	29	24	16	15	18	24	1	143
1963	4	2	10	28	39	16	14	20	27	1	161
1964	3	3	15	28	27	16	25	25	25	1	168
1965	14	3	9	30	36	26	19	24	35	196
1966	5	1	21	31	37	21	13	34	21	184
1967	1	4	13	39	35	27	21	18	33	2	193
1968	6	4	18	43	61	27	24	25	33	1	242
1969	8	4	16	39	64	31	21	14	40	237
FEMALES KILLED											
1960	4	2	3	4	6	3	2	3	16	43
1961	3	1	6	6	2	1	3	8	16	46
1962	4	2	4	3	5	2	2	12	34
1963	6	2	1	2	4	4	6	12	37
1964	3	4	6	6	7	5	9	5	9	54
1965	3	2	4	5	5	5	5	8	19	56
1966	4	8	3	15	4	6	13	16	69
1967	2	9	9	8	2	6	8	19	63
1968	5	2	11	11	14	8	5	2	18	2	78
1969	5	2	11	17	6	4	6	7	16	74
MALES INJURED											
1960	115	58	431	791	706	401	271	279	214	130	3,396
1961	110	73	405	790	685	420	277	237	190	147	3,334
1962	127	73	424	766	725	428	304	209	185	229	3,470
1963	104	75	474	791	784	463	333	282	236	211	3,753
1964	98	88	467	818	767	391	356	266	217	220	3,688
1965	127	70	450	797	750	418	321	269	231	278	3,711
1966	121	76	476	954	776	412	350	288	229	300	3,982
1967	138	70	502	946	866	445	396	314	265	345	4,287
1968	128	86	454	952	920	446	378	290	243	396	4,293
1969	151	74	491	953	922	461	389	235	296	346	4,318
FEMALES INJURED											
1960	76	53	223	270	202	136	162	109	139	96	1,466
1961	93	36	239	302	198	142	131	115	133	56	1,445
1962	90	56	276	283	214	165	143	133	133	114	1,607
1963	77	55	250	291	243	169	188	139	118	116	1,646
1964	72	53	327	328	238	151	194	151	133	115	1,762
1965	121	49	301	385	266	194	165	146	158	142	1,927
1966	91	54	308	388	258	206	197	172	174	165	2,013
1967	96	51	290	398	319	182	207	168	192	236	2,139
1968	105	56	305	412	356	230	183	162	166	285	2,260
1969	110	60	376	430	371	267	219	189	205	243	2,470

ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES—*continued*

No. 31—Number of Accidents, Persons Killed and Persons Injured: Rates

Year	Per 100,000 of mean population			Per 10,000 motor vehicles registered		
	Accidents involving casualties	Persons killed	Persons injured	Accidents involving casualties	Persons killed	Persons injured
METROPOLITAN TRAFFIC AREA (a)						
1960	585	21.2	741	219	7.9	277
1961	525	17.3	682	187	6.2	244
1962	552	17.7	732	187	6.0	248
1963	602	22.7	772	193	7.3	247
1964	574	17.7	755	174	5.4	229
1965	590	20.6	773	173	6.1	227
1966	590	21.4	800	170	6.1	230
1967	632	19.7	857	169	5.3	230
1968	620	23.6	856	158	6.0	218
1969	618	23.9	858	149	5.7	207
WESTERN AUSTRALIA						
1960	514	27.5	673	176	9.4	231
1961	478	23.3	648	159	7.8	215
1962	481	23.1	663	156	7.5	214
1963	515	25.1	685	157	7.7	209
1964	503	27.5	674	147	8.0	197
1965	505	30.5	682	143	8.7	194
1966	512	29.8	706	139	8.1	192
1967	531	29.2	733	139	7.6	191
1968	517	35.2	720	129	8.8	180
1969	508	32.8	717	122	7.9	172

(a) Rates calculated on estimates of population and vehicles as at 30 June.

No. 32—Persons Killed and Persons Injured: Day of Week on which Accident Occurred, 1969

Day of week	Metropolitan Traffic Area			Western Australia		
	Number of accidents	Persons killed	Persons injured	Number of accidents	Persons killed	Persons injured
Monday	485	30	624	609	53	807
Tuesday	424	13	542	522	35	671
Wednesday	508	17	650	619	31	804
Thursday	500	22	695	630	44	882
Friday	687	21	944	860	48	1,195
Saturday	709	28	1,010	911	66	1,305
Sunday	445	14	749	658	34	1,124
Total	3,758	145	5,214	4,809	311	6,788

ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES—*continued*

No. 33—Persons Killed and Persons Injured: Time of Day at Which Accident Occurred, 1969

Time of occurrence				Metropolitan Traffic Area			Western Australia		
				Number of accidents	Persons killed	Persons injured	Number of accidents	Persons killed	Persons injured
After midnight and up to 1 a.m.	133	12	235	180	18	301
" 1 a.m. " " " 2 a.m.	55	3	81	84	8	125
" 2 a.m. " " " 3 a.m.	45	5	72	70	12	105
" 3 a.m. " " " 4 a.m.	42	2	53	54	8	68
" 4 a.m. " " " 5 a.m.	18	26	23	1	31
" 5 a.m. " " " 6 a.m.	20	1	27	29	1	38
" 6 a.m. " " " 7 a.m.	65	4	74	87	10	106
" 7 a.m. " " " 8 a.m.	181	6	220	218	10	264
" 8 a.m. " " " 9 a.m.	228	3	289	258	10	329
" 9 a.m. " " " 10 a.m.	128	2	171	165	7	241
" 10 a.m. " " " 11 a.m.	145	4	191	171	7	225
" 11 a.m. " " " noon	138	4	200	186	7	265
" noon " " " 1 p.m.	198	4	271	235	9	350
" 1 p.m. " " " 2 p.m.	140	1	205	189	7	282
" 2 p.m. " " " 3 p.m.	171	5	240	216	9	316
" 3 p.m. " " " 4 p.m.	246	4	315	319	14	437
" 4 p.m. " " " 5 p.m.	323	6	421	409	9	563
" 5 p.m. " " " 6 p.m.	350	12	474	439	32	622
" 6 p.m. " " " 7 p.m.	272	15	353	333	21	439
" 7 p.m. " " " 8 p.m.	255	16	370	321	29	464
" 8 p.m. " " " 9 p.m.	175	10	248	223	19	311
" 9 p.m. " " " 10 p.m.	122	5	183	156	9	233
" 10 p.m. " " " 11 p.m.	190	14	289	248	30	366
" 11 p.m. " " " midnight	106	7	193	160	18	268
Not stated	12	13	36	6	39
Total	3,758	145	5,214	4,809	311	6,788

No. 34—Persons Killed and Persons Injured: Feature of Roadway on which Accident Occurred, 1969

Feature of roadway				Metropolitan Traffic Area			Western Australia		
				Number of accidents	Persons killed	Persons injured	Number of accidents	Persons killed	Persons injured
Intersection or junction—									
Controlled by police
Controlled by traffic lights	228	3	325	228	3	325
Controlled by 'Stop' or 'Give Way' sign	558	16	901	590	16	958
Uncontrolled (open view)	1,093	33	1,622	1,235	40	1,842
Uncontrolled (obscured view)	120	2	177	157	3	232
Straight road—									
Approximately level	1,158	57	1,386	1,562	138	1,946
Significant slope	176	12	237	250	27	341
Crest of hill or rise	19	1	25	33	5	52
Curve or turn—									
Level, open view	160	15	213	291	39	417
Level, obscured view	23	34	72	6	111
Slope, open view	35	3	52	103	20	158
Slope, obscured view	19	31	65	9	114
Bridge, culvert or causeway	9	11	20	2	31
Railway crossing	11	1	27	20	1	41
Other locations	31	33	34	36
Not stated	118	2	140	149	2	184
Total (a)	3,758	145	5,214	4,809	311	6,788

(a) Includes the following casualties sustained by pedestrians in accidents which occurred at traffic light signals and road-marked pedestrian crossings :

	Metropolitan Traffic Area		Western Australia	
	Persons killed	Persons injured	Persons killed	Persons injured
Traffic light signals	27	27
Road-marked pedestrian crossings	4	93	5	97

ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES—*continued*

No. 35—Persons Killed and Persons Injured: Nature of Accident, 1969

Nature of accident	Metropolitan Traffic Area			Western Australia		
	Number of accidents	Persons killed	Persons injured	Number of accidents	Persons killed	Persons injured
Vehicle colliding with—						
Moving or stationary vehicle (a)	2,417	63	3,685	2,738	102	4,249
Railway vehicle	8	1	24	16	1	37
Pedestrian	661	51	648	731	72	702
Parked vehicle	101	2	125	124	5	163
Fixed object	4	5	12	19
Animal	4	1	3	14	2	15
Vehicle overturning or leaving road (b)	490	23	648	1,075	121	1,501
Passenger accident	16	1	15	25	3	22
Other	57	3	61	74	5	80
Total	3,758	145	5,214	4,809	311	6,788

(a) Excludes parked vehicles.

(b) Includes collisions subsequent to leaving road.

No. 36—Persons Killed and Persons Injured: Type of Road User, Age and Sex, 1969

Type of road user		Age last birthday (years)									Total	
		0-4	5-6	7-16	17-20	21-29	30-39	40-49	50-59	60 and over		Not stated
MALES KILLED												
Drivers of motor vehicles	1	24	39	20	12	7	13	116
Motor cyclists (a)	3	8	2	1	2	16
Pedal cyclists	4	1	2	7
Passengers	3	2	5	11	14	5	1	3	44
Pedestrians	5	2	6	3	4	7	5	22	54
Other (b)
Total	8	4	16	39	64	31	21	14	40	237
FEMALES KILLED												
Drivers of motor vehicles	5	2	1	8
Motor cyclists (a)	1	1	2
Pedal cyclists	2	2
Passengers	2	1	8	9	4	3	3	6	7	43
Pedestrians	3	1	1	2	2	1	9	19
Other (b)
Total	5	2	11	17	6	4	6	7	16	74
MALES INJURED												
Drivers of motor vehicles	8	550	612	316	275	161	166	98	2,186
Motor cyclists (a)	4	102	88	33	18	11	14	20	290
Pedal cyclists	4	10	185	13	5	8	5	6	17	25	278
Passengers	94	32	200	268	190	77	49	31	39	168	1,148
Pedestrians	53	32	94	19	27	25	41	26	58	33	408
Other (b)	1	2	1	2	2	8
Total	151	74	491	953	922	461	389	235	296	346	4,318
FEMALES INJURED												
Drivers of motor vehicles	2	125	171	128	96	68	47	40	677
Motor cyclists (a)	1	14	12	1	2	5	35
Pedal cyclists	1	45	1	3	2	7	62
Passengers	69	38	256	266	168	118	100	91	112	153	1,371
Pedestrians	41	21	71	18	16	16	16	27	43	36	307
Other (b)	1	7	2	3	2	1	2	18
Total	110	60	376	430	371	267	219	189	205	243	2,470

(a) Includes motor scooter riders.
drawn vehicles.

(b) Includes bystanders, train crews, riders of animals and drivers of animal-

AIR TRANSPORT

The following table, compiled from details supplied by the Department of Civil Aviation, provides a summary of operations at principal airports in Western Australia during each of the years 1966-67 to 1968-69. The figures refer only to licensed airlines, and exclude charter and commuter services, details of which are not available. Commuter service is a term used to describe regular flights by charter firms with small aircraft operating to fixed and published timetables.

No. 37—Civil Aviation: Passengers, Freight, and Aircraft Movements at Principal Airports

Airport	1966-67			1967-68			1968-69		
	Pas- sengers (a)	Freight handled (b)	Aircraft move- ments (c)	Pas- sengers (a)	Freight handled (b)	Aircraft move- ments (c)	Pas- sengers (a)	Freight handled (b)	Aircraft move- ments (c)
	number	short tons (d)	number	number	short tons (d)	number	number	short tons (d)	number
Albany	3,550	13	416	3,324	16	388	(e) 700	(e) 3	(e) 92
Barrow Island	4,074	143	1,088	3,824	118	868	3,845	96	947
Broome	6,151	185	1,696	6,812	224	1,923	6,960	213	1,957
Carnarvon	9,895	209	2,616	8,638	202	1,948	7,587	172	1,326
Dampier	6,793	132	1,124	12,146	278	1,294	13,816	308	1,336
Derby	13,024	734	2,045	16,294	944	2,307	18,864	987	2,763
Esperance	2,625	57	308	2,965	46	314	(e) 1,433	(e) 66	(e) 152
Geraldton	17,316	73	2,877	18,435	112	2,494	19,081	87	2,188
Kalgoorlie	5,392	134	714	7,720	182	744	13,616	194	677
Kununurra	4,211	253	655	4,162	212	642	6,839	330	772
Learmonth	11,196	219	1,072	5,953	139	1,099	5,610	99	1,432
Meekatharra	2,277	77	1,886	2,266	65	1,793	(e) 899	(e) 30	(e) 889
Onslow	3,599	95	1,404	3,584	100	1,264	2,324	53	920
Perth—									
Internal (f)...	278,662	6,641	8,091	315,744	7,565	8,610	357,236	8,320	8,832
International	30,788	636	1,550	43,180	626	1,834	51,824	756	1,822
Port Hedland	16,273	653	2,632	28,857	1,185	3,532	35,927	1,350	3,042
Roebourne	1,779	60	612	2,147	10	599	5,336	157	656
Rottnest Island	16,724	17	1,004	9,556	65	596	(e) 64	...	(e) 5
Tom Price	3,980	76	648	5,689	122	728	9,157	194	880
Wittenoom	3,548	84	1,662	1,856	65	1,194	1,314	40	834
Wyndham	4,438	311	1,120	4,771	368	1,151	4,860	342	1,092

(a) Total embarked and disembarked. (b) Total of freight loaded and unloaded. (c) Total of arrivals and departures. (d) Short ton = 2,000 lb. (e) Airline services to Albany, Esperance, Meekatharra and Rottnest Island operated only for part of the year and these airports were subsequently served by commuter services only. (f) Interstate and intrastate.

No. 38—Civil Aviation: Accidents involving Casualties (a)

Particulars	1964-65	1965-66	1966-67	1967-68	1968-69
WESTERN AUSTRALIA					
Number of—					
Accidents (a)	1	4	3	2	3
Persons killed	1	2	3	2	(b) 29
Persons seriously injured	...	3	4	1	2
AUSTRALIA					
Number of—					
Accidents (a)	17	37	38	36	17
Persons killed	15	29	66	47	(b) 47
Persons seriously injured	7	28	24	29	20

(a) Accidents involving civil aircraft which resulted in death or serious injury. Excludes parachutists killed on contact with earth after an uninterrupted fall. Excludes accidents outside Australia involving aircraft on the Australian register. (b) Includes 26 persons killed in one accident which occurred on 31 December 1968.

COMMUNICATION

POSTMASTER-GENERAL'S DEPARTMENT

No. 39—Employees and Post Offices at 30 June

Particulars	1965	1966	1967	1968	1969
Employees—					
Full-time—					
Permanent officers	4,966	5,065	5,344	5,561	5,808
Temporary and exempt officers	1,251	1,428	1,600	1,904	2,156
Total	6,217	6,493	6,944	7,465	7,964
Other (a)—					
Non-official postmasters and staff	502	542	492	492	482
Telephone office keepers	268	242	224	202	183
Mail contractors (b)	389	292	329	323	323
Part-time employees	239	262	305	314	325
Total	1,398	1,338	1,350	1,331	1,313
Total, Employees	7,615	7,831	8,294	8,796	9,277
Post offices—					
Official	149	151	153	156	158
Non-official	486	484	477	476	468
Telephone offices	268	241	222	198	181
Total	903	876	852	830	807

(a) Persons employed under contract or on piece-work.

(b) Includes persons employed to drive vehicles.

No. 40—Cash Receipts and Expenditure

In 1968–69 a new system of classification of items of receipt and expenditure was adopted and consequently the figures shown in the table are not comparable with those for 1967–68 and earlier years.

Particulars	1968–69
	\$'000
Cash Receipts (a)—	
Postal	10,698
Telephone	26,818
Telegraph	1,199
Proceeds of sales	375
Recoverable works	1,914
International services	152
Total	41,155
Cash Expenditure (b)—	
Salaries and wages	27,139
Material	22,390
Carriage of mails by contractors	749
Buildings, sites, properties	3,122
Accommodation services	1,805
Other administrative expenses (c)	3,343
Total	58,547

(a) Actual collections during the year as taken from the cash records of the Post Office. (b) Actual payments made during the year for all Post Office purposes. (c) Major items within this classification are travelling allowance, repairs to plant, engineering contract works and hire of vehicles.

POSTMASTER-GENERAL'S DEPARTMENT—*continued*No. 41—Telegraphs and Telephones: Mileage of Conductors at 30 June
(miles)

Year	Cables— Single wire mileage	Conduits— Duct miles	Aerial— Single wire mileage	Pole route
1965	998,110	1,188	133,763	17,336
1966	1,002,611	1,279	130,205	17,245
1967	1,152,973	1,407	128,326	17,295
1968	1,274,360	1,578	128,429	17,579
1969	1,495,838	1,779	125,206	16,835

No. 42—Telegraphs

Year	Number of offices at 30 June	Telegrams and cables			
		Within Australia	Beyond Australia		
		Dispatched	Dispatched	Received	Total
1964-65	903	'000 2,004	'000 98	'000 90	'000 188
1965-66	876	2,160	110	97	207
1966-67	852	2,245	119	107	227
1967-68	830	2,359	133	(a)	(b)
1968-69	807	2,516	152	(a)	(b)

(a) Incoming traffic statistics which have in the past been obtained from overseas telecommunications administration are no longer available. (b) Not available; see footnote (a).

No. 43—Telephones at 30 June
(number)

Year	Telephone exchanges	Services			Telephones in service	Telephones per 100 of popula- tion (b)
		Metropolitan (a)	Country	Total		
1965	765	81,404	38,677	120,081	164,354	19.9
1966	765	86,787	41,236	128,023	176,256	20.8
1967	750	93,528	44,161	137,689	191,031	21.8
1968	745	101,451	48,211	149,662	208,343	22.9
1969	749	112,510	53,181	165,691	231,845	24.5

(a) Services located within 10 miles of the General Post Office, Perth. (b) Figures for 1967 and subsequent years are subject to revision after the 1971 Census of Population.

No. 44—Teleprinter Exchange Network (Telex)
(number)

Year	Services at 30 June	Calls		
		Local	Trunk	Total
1964-65	164	3,913	84,858	88,771
1965-66	200	7,992	119,312	127,304
1966-67	271	(a)	(a)	(b) 253,955
1967-68	354	(a)	(a)	(b) 483,107
1968-69	477	(a)	(a)	(b) 726,794

(a) Not available separately.

(b) Includes Post Office official traffic.

POSTMASTER-GENERAL'S DEPARTMENT—*continued*No. 45—Postal Articles Handled (a)
(Thousands)

Year	Ordinary postal articles		Parcels (b)	Registered matter (c)	Total
	Letter form	Other			
POSTED FOR DELIVERY WITHIN AUSTRALIA					
1964-65
1965-66
1966-67
1967-68
1968-69
POSTED FOR DELIVERY OVERSEAS					
1964-65
1965-66
1966-67
1967-68
1968-69
RECEIVED FROM OVERSEAS					
1964-65
1965-66
1966-67
1967-68
1968-69
TOTAL					
1964-65
1965-66
1966-67
1967-68
1968-69

(a) Excludes matter received from other Australian States.

(b) Includes registered, cash on delivery, and duty parcels.

(c) Excludes registered parcels.

No. 46—Postal Orders (a) and Money Orders
Year ended 30 June

Category	1965		1966		1967		1968		1969	
	Number (⁰ 000)	Value (\$ ⁰ 000)	Number (⁰ 000)	Value (\$ ⁰ 000)	Number (⁰ 000)	Value (\$ ⁰ 000)	Number (⁰ 000)	Value (\$ ⁰ 000)	Number (⁰ 000)	Value (\$ ⁰ 000)
Postal orders (a)—										
Issued	1,042	1,261	941	1,159	806	1,262	899	1,806	997	2,309
Paid—										
Issued within the State	1,038	1,255	918	1,108	817	1,274	890	1,703	983	2,278
Issued in other States	215	143	226	155	185	151	73	104	77	132
Total, Paid	1,252	1,397	1,144	1,264	1,002	1,426	963	1,807	1,061	2,410
Money orders—										
Within the Commonwealth—										
Issued	768	22,881	860	26,228	905	28,847	904	32,057	801	18,207
Paid	722	22,580	793	25,356	827	27,947	814	30,867	703	16,835
Beyond the Commonwealth—										
Issued	41	196	41	261	44	295	45	355	49	452
Paid	13	223	15	259	16	285	17	276	20	313
Total Money orders—										
Issued	809	23,077	901	26,489	948	29,141	949	32,412	850	18,659
Paid	735	22,803	808	25,615	843	28,232	832	31,143	723	17,149

(a) From 1 June 1966, postal notes were replaced by postal orders.

RADIOCOMMUNICATION, BROADCASTING AND TELEVISION

No. 47—Civil Radiocommunication Stations Authorised at 30 June

Type of station	1965	1966	1967	1968	1969
Transmitting and receiving—					
Fixed stations (a)—					
Aeronautical	14	16	17	17	17
Services with other countries	12	11	10	10	13
Outpost (b)	410	420	430	434	434
Other	109	149	175	242	282
Total	545	596	632	703	746
Land stations (c)—					
Aeronautical	22	26	29	34	38
Base stations—					
Land mobile services	353	449	530	693	876
Harbour mobile services	27	29	33	39	41
Coast (d)	20	23	30	39	43
Special experimental	53	58	57	64	66
Total	475	585	679	869	1,064
Mobile stations (e)—					
Aeronautical	203	261	316	381	452
Land mobile services	3,406	4,155	4,534	6,332	8,106
Harbour mobile services	93	117	142	186	208
Outpost	359	429	507	591	729
Ship	349	439	552	946	1,154
Total	4,410	5,401	6,051	8,436	10,649
Amateur	383	408	397	415	436
Total, Transmitting and receiving	5,813	6,990	7,759	10,423	12,895
Receiving only (fixed) (a)	49	51	55	57	57
GRAND TOTAL	5,862	7,041	7,814	10,480	12,952

(a) Stations established at fixed locations for communication with other stations similarly established. (b) Stations established in outback areas for communication with control stations such as those of the Royal Flying Doctor Service. (c) Stations established at fixed locations for communication with mobile stations. (d) Land stations for communication with ocean-going vessels. (e) Equipment installed in aircraft (aeronautical), motor vehicles (land mobile services), harbour vessels (harbour mobile services) and ocean-going vessels (ship) and mobile equipment belonging to organisations such as the Royal Flying Doctor Service.

No. 48—Broadcasting Stations at 30 June 1969

NATIONAL STATIONS					COMMERCIAL STATIONS				
Type and location	Call sign	Frequency (kHz)	Aerial power (watts)	Hours of service per week (a)	Type and location	Call sign	Frequency (kHz)	Aerial power (watts)	Hours of service per week (a)
Medium frequency—									
Perth	6WF	690	50,000	125 $\frac{1}{2}$	Perth	6IX	1,080	2,000	168
Albany	6WN	810	10,000	125 $\frac{1}{2}$	"	6KY	1,210	2,000	168
Broome	6AL	650	400	125 $\frac{1}{2}$	"	6PM	1,000	2,000	168
Carnarvon	6BE	670	50	125 $\frac{1}{2}$	"	6PR	880	2,000	168
Dalwallinu	6CA	850	200	125 $\frac{1}{2}$	Albany	6VA	780	2,000	123
Derby	6DL	530	10,000	125 $\frac{1}{2}$	Bridgetown	6BY	900	2,000	113
Esperance	6DB	870	2,000	125 $\frac{1}{2}$	Bunbury	6TZ	960	2,000	124 $\frac{1}{2}$
Kalgoorlie	6ED	840	1,000	125 $\frac{1}{2}$	Collie	6CI	1,130	2,000	124 $\frac{1}{2}$
Geraldton	6GF	660	2,000	125 $\frac{1}{2}$	Geraldton	6GE	1,010	2,000	118
Northam	6GN	830	2,000	125 $\frac{1}{2}$	Kalgoorlie	6KG	980	2,000	112
Port Hedland	6NM	600	200	125 $\frac{1}{2}$	Katanning	6WB	1,070	2,000	116
Wagin	6PH	600	2,000	125 $\frac{1}{2}$	Merredin	6MD	1,100	2,000	115 $\frac{1}{2}$
High frequency—					Narrogin	6NA	920	2,000	123 $\frac{1}{2}$
Perth	VLW	(b)	(b)	125 $\frac{1}{2}$	Northam	6AM	860	2,000	119

(a) To the nearest quarter hour. (b) The station operates two transmitters, of 10,000 and 50,000 watts. Frequencies are varied as required to obtain optimum results.

RADIOCOMMUNICATION, BROADCASTING AND TELEVISION—*continued*

No. 49—Television Stations at 30 June 1969 (a)

Call sign and channel	Area served	Location of transmitter	Authorised frequencies (mHz)	Polarisation	Hours of service per week (b)	Date of commencement of operations (c)
NATIONAL STATIONS						
ABW-2	Perth	Bickley	Vision 63-70 Sound 64.25 69.75	Horizontal	78½	7 May 1960
ABAW-2	Southern Agricultural	Mount Barker	Vision 63-70 Sound 64.24 69.74	Vertical	78½	6 June 1966
ABCW-4	Central Agricultural	Mawson Trig	Vision 94-101 Sound 95.26 100.76	Horizontal	78½	28 March 1966
ABSW-5	Bunbury	Mount Lennard	Vision 101-108 Sound 102.25 107.75	Horizontal	78½	10 May 1965
COMMERCIAL STATIONS						
STW-9	Perth	Bickley	Vision 195-202 Sound 196.25 201.75	Horizontal	92	12 June 1965
TVW-7	Perth	Bickley	Vision 181-188 Sound 182.25 187.75	Horizontal	92¾	16 October 1959
BTW-3	Bunbury	Mount Lennard	Vision 85-92 Sound 86.24 91.74	Horizontal	42¼	10 March 1967
GSW-9	Southern Agricultural	Mount Barker	Vision 195-202 Sound 196.24 201.74	Vertical	42¼	23 August 1968

(a) The operating power for BTW-3 Bunbury and GSW-9 Southern Agricultural is: vision, 50 kW e.r.p. (effective radiated power); sound 10kW e.r.p., and for all other stations is: vision, 100 kW e.r.p.; sound, 20 kW e.r.p. (b) To the nearest quarter hour. (c) Date on which full-scale transmission began.

RADIOCOMMUNICATION, BROADCASTING AND TELEVISION—*continued*

No. 50—Receiving Licences: Number and Revenue

Class of licence	Number in force at 30 June—				
	1965	1966	1967	1968	1969
BROADCAST LISTENERS' LICENCES (a)					
Ordinary	122,503	43,724	34,702	36,857	33,933
Hirers'	14	12	12	12	55
Lodging house	48	94	43	196	724
Pensioners'	22,208	11,286	9,411	8,900	8,124
Total	144,773	55,116	44,168	45,965	42,836
TELEVISION VIEWERS' LICENCES (a)					
Ordinary	71,605	10,771	12,051	11,700	11,525
Hirers'	11,204	15,687	15,531	16,149	22,230
Lodging house	236	296	342	519	778
Pensioners'	10,026	1,534	1,721	1,873	1,977
Total	93,071	28,288	29,645	30,241	36,510
COMBINED RECEIVING LICENCES (a)					
Ordinary	25,660	97,965	111,398	115,867	125,131
Pensioners	4,228	14,975	17,230	18,802	20,948
Blind persons'	416	451	396	} 722	718
Schools'	366	392	379		
Total	30,670	113,783	129,403	135,391	146,797
REVENUE FROM LICENCES					
A. classes— Revenue from broadcast listeners', television viewers' and combined receiving licences	1964-65	1965-66	1966-67	1967-68	1968-69
	\$	\$	\$	\$	\$
	2,124,246	2,285,076	2,570,938	2,665,963	3,127,068

(a) The combined receiving licence came into effect on 1 April 1965. From that date, a person having both broadcast and television receivers at the one address has been required to take out a combined receiving licence.

STATISTICAL PUBLICATIONS

39

Issued by the Deputy Commonwealth Statistician and Government Statistician,
1-3 St George's Terrace, Perth.

PRINTED PUBLICATIONS

Title of Publication	Latest issue at 31 Mar. 1972	Published	Price	
			Excluding postage	Including postage (a)
WESTERN AUSTRALIAN YEAR BOOK	No. 10, 1971	Aug. 1971	\$ 1.00	\$ 1.61
WESTERN AUSTRALIAN POCKET YEAR BOOK (b)	No. 53, 1971	Dec. 1971	0.20	0.27
QUARTERLY STATISTICAL ABSTRACT	Dec. 1971	Dec. 1971	0.20	0.27
STATISTICAL REGISTER OF WESTERN AUSTRALIA (Annual):				
Part I—Population and Vital Statistics (b)	1966-67 and 1967-68	Nov. 1969	0.40	0.52
Parts II and III—Finance Statistics Comprising: Part II—Public Finance Part III—Private Finance	1967-68	Aug. 1969	0.40	0.47
Part IV—Trade, Transport and Communication	1965-66 to 1967-68	Dec. 1970	1.40	1.64
Part V—Land Settlement, Agriculture, Livestock and Meteorological Statistics (b)	1967-68	Jan. 1970	1.10	1.34
Part VI—Factory Statistics (b)	1967-68	Jan. 1970	0.90	1.02
Part VII—Mineral Statistics and Water Conservation	1967-68	Aug. 1969	0.20	0.27
Parts VIII, IX and X—Social Statistics Comprising: Part VIII—Law and Crime Part IX—Hospitals and Charitable Institutions Part X—Education	1966-67 and 1967-68	Jan. 1970	0.30	0.37
Part XI—Local Government (b)	1967-68	Aug. 1970	0.50	0.57
Part XII—Retail Prices, Wages, Employed and Miscellaneous (b)	1967-68	Jan. 1970	0.60	0.72
Statistical Summary from 1829	1829-1968	Sept. 1969	0.20	0.27
STATISTICS OF WESTERN AUSTRALIA (Annual) (c)				
Building and Housing (b)	1969-70	Nov. 1971	0.30	0.37
Demography (b)	1969	Feb. 1972	0.40	0.52
Finance	1969-70	Jan. 1972	0.40	0.47
Labour and Prices	1970	Mar. 1972	0.60	0.67
Local Government (b)	1968-69	July 1971	0.50	0.57
Non-Rural Primary Industries	1968-69	May 1971	0.20	0.27
Rural Industries (b)	1968-69	Mar. 1971	1.10	1.34
Social (b)	1969	May 1971	0.30	0.42
Summary from 1829	1829-1970	Aug. 1971	0.20	0.27
Trade	1968-69	Nov. 1971	1.40	1.64
ABSTRACT OF STATISTICS OF LOCAL GOVERNMENT AREAS (Annual) (b)	1970	Nov. 1970	0.50	0.68

(a) Within Australia and to Christmas Island, Cocos Island, Lord Howe Island, Norfolk Island, Nauru and Papua-New Guinea. (b) Includes statistics for individual local government areas. (c) Replaces the *Statistical Register of Western Australia* for 1968-69 and subsequent years.

MIMEOGRAPHED PUBLICATIONS

(Available free of charge on application)

Subject	Frequency of issue	Latest issue at 31 Mar. 1972	Published
ACCIDENTS—			
Industrial Accidents	Annually	1970-71	Jan. 1972
Road Traffic Accidents involving Casualties	Quarterly	Sept. qr 1971	Mar. 1972
Road Traffic Accidents involving Casualties (a)	Annually	1970	May 1971
BUILDING—			
Building Operations (a)	Quarterly	Dec. qr 1971	Mar. 1972
Building Permits and Approvals (a)	Monthly	Feb. 1972	Mar. 1972
Number of New Houses and Flats (preliminary estimates)	Quarterly	Dec. qr 1971	Jan. 1972
EMPLOYMENT—			
Wage and Salary Earners in Civilian Employment	Annually	June 1966 to June 1971	Oct. 1971
FINANCE—			
Fire, Marine and General Insurance Statistics	Annually	1970-71	Jan. 1972
Local Government Finance Statistics	Annually	1969-70	Jan. 1972
Local Government Revenue and Expenditure : Budget Estimates (a)	Annually	1971-72	Jan. 1972
MOTOR VEHICLES—			
Motor Vehicle Registrations	Monthly	Dec. 1971	Feb. 1972
Motor Vehicle Registrations (a)	Annually	1969	Aug. 1970

continued overleaf

STATISTICAL PUBLICATIONS—*continued*MIMEOGRAPHED PUBLICATIONS—*continued*

Subject	Frequency of issue	Latest issue at 31 Mar. 1972	Publisher
POPULATION AND VITAL STATISTICS—			
Divorce	Annually	1970	May 1971
Intercensal Charges in Population (a)	Irregular	1961–1966	June 1971
One Million Western Australians	Feb. 1971
Population and Occupied Dwellings : Censuses, 1911 to 1966 (a)	Irregular	1911 to 1966	Feb. 1971
Population, Dwellings and Vital Statistics (Local Government Areas and Statistical Divisions) (a)	Annually	1966–1970	Jan. 1971
Projections of the Population	Irregular	1967 to 1976	Feb. 1971
PRIMARY PRODUCTION—			
Agricultural and Pastoral Statistics (general summary)	Annually	1970–71	Sept. 1971
Agricultural Census : Principal Statistics (preliminary statement) (b)	Annually	1970–71	July 1971
Apples and Pears in Cool Stores	Monthly	Feb. 1972	Mar. 1971
Artificial Fertiliser Used on Rural Holdings (a)	Annually	1970–71	Oct. 1971
Bee Keeping Statistics	Annually	1970–71	Oct. 1971
Catch of Fish and Crustaceans	Monthly	Aug. 1971	Dec. 1971
Cattle and Pigs (a)	Annually	1971	Sept. 1971
Cereal Crop Forecast	Annually	1971–72	Oct. 1971
Chicks Hatched and Poultry Slaughtered	Monthly	Jan. 1972	Mar. 1971
Ewe Matings for Lambing	Triennially	1969 and 1970	Feb. 1971
Fisheries	Annually	1969–70	June 1971
Fisheries (preliminary)	Annually	1969–70	Mar. 1971
Fruit (a)	Annually	1970–71	Nov. 1971
Grain and Other Crops and Cereal Varieties (a)	Annually	1970–71	Sept. 1971
Grain and Seed Harvesters on Rural Holdings (a)	Annually	1970–71	Mar. 1971
Hay, Green Feed and Silage (a)	Triennially	1970	Oct. 1971
Irrigation (a)	Annually	1970–71	Oct. 1971
Livestock Slaughtered and Meat Produced	Annually	1970–71	Dec. 1971
Machinery on Rural Holdings (a)	Annually	1971	Oct. 1971
Mineral Exploration	Annually	1969–70	Apr. 1971
Pasture Seed (a)	Annually	1970–71	Oct. 1971
Rock Lobsters Held in Cold Stores and Exported	Monthly	Feb. 1972	Mar. 1971
Rural Land Utilisation (a)	Annually	1970–71	Aug. 1971
Sheep, Lambing and Wool Clip (a)	Annually	1970–71	Sept. 1971
Tractors on Rural Holdings (a)	Triennially	1969	Mar. 1971
Value of Primary Production (excluding Mining and Quarrying) (preliminary statement)	Annually	1970–71	July 1971
Vegetables (a)	Annually	1970–71	Oct. 1971
Wheat for Grain (a)	Annually	1970–71	July 1971
SECONDARY PRODUCTION—			
Factory Statistics (preliminary)	Annually	1967–68	Feb. 1971
Factory Statistics (general summary)	Annually	1967–68	July 1969
TRADE (EXTERNAL)—			
External Trade (Overseas and Interstate)	Annually	1970–71	Dec. 1971
Interstate Trade	Annually	1970–71	Nov. 1971
Quarterly Summary of Overseas Trade Statistics	Quarterly	To Dec. 1971	Mar. 1972
TRADE (INTERNAL)—			
New Agricultural Machinery and Tractor Statistics (Deliveries and Sales)	Quarterly	June qr 1971	Feb. 1972
Wholesale Sales and Stocks of Wine and Brandy	Annually	1969–70 and 1970–71	Nov. 1971
GENERAL—			
Indicators of Business Activity	Monthly	Mar. 1972	Mar. 1972
Monthly Statistical Summary	Monthly	Mar. 1972	Mar. 1972
Western Australia in relation to Australia	Annually	1970–71	July 1971

(a) Includes statistics for individual local government areas. (b) Entitled 'Rural Census : Principal Statistics (preliminary statement)' in issue for 1969–70.

NOTE. In addition to the preceeding publications, a number of bulletins which deal exclusively with this State are produced by the Commonwealth Statistician, Canberra, who also issues many publications which contain particulars for Western Australia as a component of Australian totals. A complete list of all publications currently issued by the Central and the various State Offices of this Bureau appears in "Publications of the Commonwealth Bureau of Census and Statistics" issued by the Commonwealth Statistician, copies of which are available free of charge from the Western Australian Office at the address shown on page 39.